



SAFETY DATA SHEET

KaVo. Dental Excellence.

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

Product identifier

Trade name or designation of the mixture KaVo CLEANspray

Registration number -

Product registration number Not available.

Product use professional use

Product code 1,007,0568; 1,007,0579

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Supersedes date

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

Identified uses Not available.

Uses advised against None known.

Details of the supplier of the safety data sheet

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Section 2: Hazards identification

Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards Not classified for health hazards.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Not available.

Main symptoms Not available.

Label elements

Label according to Directive 67/548/EEC or 1999/45/EC as amended

Section 3: Composition/information on ingredients

Mixture

The components are not hazardous or are below required disclosure limits.

Composition comments The full text for all R-phrases is displayed in Section 16.

Section 4: First aid measures

Description of first aid measures

Inhalation If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.
Most important symptoms and effects, both acute and delayed	Not available.
Indication of any immediate medical attention and special treatment needed	Not available.

Section 5: Firefighting measures

Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media Do not use water jet.

Special hazards arising from the substance or mixture Contents under pressure.

Advice for firefighters

Special protective equipment for firefighters Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Structural firefighters protective clothing will only provide limited protection.

Special firefighting procedures Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.

Hazardous combustion products Carbon oxides. Nitrogen Oxides (NO_x).

Section 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Avoid skin contact and inhalation of vapours during disposal of spills.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the MSDS.

Environmental precautions Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Stop leak if you can do so without risk. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Reference to other sections For personal protection, see section 8. For waste disposal, see section 13.

Section 7: Handling and storage

Precautions for safe handling Pressurised container: Do not pierce or burn, even after use. Do not spray on a naked flame or any other incandescent material Do not smoke while using or until sprayed surface is thoroughly dry. May be ignited by open flame. Avoid heat, sparks, open flames and other ignition sources. Do not use if spray button is missing or defective. Do not re-use empty containers. Use only in well-ventilated areas.

Conditions for safe storage, including any incompatibilities Contents under pressure. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. Avoid exposure to long periods of sunlight. Refrigeration recommended. Store in a well-ventilated place. Keep out of the reach of children. Avoid temperatures exceeding 50 °C and below -21 °C.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits No exposure limits noted for the ingredient(s).

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures	Follow standard monitoring procedures.
DNEL	Not available.
PNEC	Not available.
Exposure controls	
Appropriate engineering controls	Provide adequate general and local exhaust ventilation.
Individual protection measures, such as personal protective equipment	
General information	Not available.
Eye/face protection	Wear chemical goggles.
Skin protection	
- Hand protection	Wear protective gloves.
- Other	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Respiratory protection	In case of risk of inhalation of vapour/aerosols: Wear suitable respiratory protection.
Thermal hazards	Not available.
Hygiene measures	When using do not smoke. Handle in accordance with good industrial hygiene and safety practices.
Environmental exposure controls	Not available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Aerosol
Physical state	Liquid.
Form	Aerosol
Colour	Colourless.
Odour	Characteristic.
Odour threshold	Not available.
pH	6 - 7 @ 20°C
Melting point/freezing point	Not available.
Boiling point, initial boiling point, and boiling range	Not available.
Flash point	> 55 °C (> 131 °F)
Auto-ignition temperature	Not applicable.
Flammability (solid, gas)	Not available.
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Oxidising properties	Not applicable.
Explosive properties	Not applicable.
Explosive limit	Not applicable.
Vapour pressure	4500 hPa @ 20°C 6300 hPa @ 50°C
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Relative density	1.02 g/ml @ 20°C
Solubility (water)	soluble
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Percent volatile	Not available.

Other data**Solubility (other)**

Ethanol soluble
Hexane not soluble

Other information

No relevant additional information available.

Section 10: Stability and reactivity**Chemical stability**

Risk of ignition.

Conditions to avoid

Heat, flames and sparks. Avoid temperatures exceeding the flash point.

Incompatible materials

None known.

Hazardous decomposition products

No dangerous reaction known under conditions of normal use.

Section 11: Toxicological information**Information on likely routes of exposure****Ingestion**

Not available.

Inhalation

Not available.

Skin contact

Not available.

Eye contact

Not available.

Symptoms

Not available.

Information on toxicological effects**Skin corrosion/irritation**

Not available.

Serious eye damage/eye irritation

Not available.

Respiratory sensitisation

Not available.

Skin sensitisation

Not available.

Germ cell mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Specific target organ toxicity - single exposure

Not available.

Specific target organ toxicity - repeated exposure

Not available.

Aspiration hazard

Not available.

Mixture versus substance information

Not available.

Other information

Not available.

Section 12: Ecological information**Ecotoxicity**

Not expected to be harmful to aquatic organisms.

Persistence and degradability

No data is available on the degradability of this product.

Bioaccumulative potential

Not available.

Mobility

Not available.

Environmental fate - Partition coefficient

Not available.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not available.

Other adverse effects

Not available.

Section 13: Disposal considerations**Waste treatment methods****Residual waste**

Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

EU waste code

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information	This material and its container must be disposed of as hazardous waste. Must be incinerated in a suitable incineration plant authorised under the Environmental Protection Act 1990. Do not discharge into drains, water courses or onto the ground. Dispose in accordance with all applicable regulations.
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Section 14: Transport information

ADR

UN number	UN1950
UN proper shipping name	AEROSOLS, asphyxiant
Transport hazard class(es)	2.2
Subsidiary class(es)	-
Environmental hazards	No
Tunnel restriction code	E
Labels required	2.2
Special precautions for user	Not available.

IATA

UN number	1950
Proper shipping name	Aerosols, non-flammable
Hazard class	2.2
ERG Code	2L

IMDG

UN number	1950
Proper shipping name	AEROSOLS, asphyxiant
Hazard class	2
Subsidiary hazard class	5A

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I
Not listed.
Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II
Not listed.
Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3
Not listed.
Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V
Not listed.
Commission Decision 2000/479/EC on the implementation of a European pollutant emission register (EPER)
Not listed.
Regulation (EC) No. 1907/2006, Article 59(1). Candidate List
Not listed.

Other regulations	The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.
National regulations	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
Chemical safety assessment	No Chemical Safety Assessment has been carried out.

Section 16: Other information

List of abbreviations	Not available.
References	Not available.
Information on evaluation method leading to the classification of mixture	Not available.
Wording of the R-phrases in sections 2 and 3	None.
Revision information	Not available.

Training information	Not available.
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available.
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