

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE COMPANY OR UNDERTAKING

- 1.1 Product identifier:** Cooling Spray
 J. Ripoll
- 1.2 Relevant identified use of the substance:** Relevant
 uses: Aerosol
 Uses advised against: Uses other than those recommended.
- 1.3 Data of the supplier of the safety data sheet:**
 J.Ripoll SL
 C/Rio Tiétar Nº20, Pol.Ind.El Nogal
 28119Algete- Madrid-Spain
 Tel.: +34 916289399
info@dentaflux.com
www.dentaflux.es
- 1.4 Emergency telephone number:** + 34916289399

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
 According to Regulation (EC) No 1272/2008:
 Aerosol 1 : Pressurized container: May burst if heated.

2.2 Label elements

Labeling in accordance with Regulation No. 1272/2008:

Pictograms:



Word of warning:

Danger

Hazard statements: H222 - Extremely flammable aerosol

H229-Pressurized container: May burst if heated

Cautionary advice:

P102: Keep out of reach of children P103: Read carefully and follow all instructions.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source P251:

Do not pierce or burn, even after use

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

2.3 Other hazards:

The mixture does not contain substances classified as PBT (Persistent, Bioaccumulative, and Toxic). The

mixture does not contain substances classified as vPvB (very Persistent and very Bioaccumulative). The

mixture does not contain substances with endocrine-disrupting properties.

Under normal use and in its original form, the product has no other negative effects on health or the environment.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Not applicable

3.2 Mixtures:

This mixture does not contain substances with a concentration above the values set out in Annex II of Regulation (EC) 1907/2006 and subsequent amendments, which represent a danger to health or the environment, nor have they been assigned a Community exposure limit in the workplace, nor are they classified as PBT/vPvB or included in the Candidate List.

SECTION 4: FIRST AID

4.1 Description of first aid:

In cases of doubt, or when symptoms of discomfort persist, seek medical attention. Never administer anything intravenously.

oral to people who are unconscious. **By**

inhalation:

Place the injured person outdoors, keep him warm and at rest. If breathing is irregular or stops, practice breathing. artificial.

By skin contact:

Remove contaminated clothing. Wash skin vigorously with soap and water or a suitable skin cleanser. NEVER use solvents or thinners. **By**

contact with eyes:

Remove contact lenses, if present and easy to do. Rinse eyes thoroughly with clean, cool water for for at least 10 minutes, pulling up your eyelids and seek medical assistance. **By ingestion:**

If accidentally swallowed, seek medical attention immediately. Keep the child at rest. NEVER induce vomiting.

Main symptoms and effects, both acute and delayed:

4.2

There are no known acute or delayed effects from exposure to the product.

4.3

Indication of any medical attention and special treatments that should be provided immediately: If in doubt, or if symptoms of discomfort persist, seek medical attention. Never give anything by mouth to an unconscious person.

SECTION 5: FIREFIGHTING MEASURES

In case of fire, as a general risk, heat can cause containers to explode.

The product is extremely flammable and can cause or significantly worsen a fire. Take the necessary precautionary measures to avoid risks. In case of fire, the following measures are recommended:

5.1 Extinguishing media: Appropriate extinguishing media:

Extinguishing powder or CO₂. For more serious fires, alcohol-resistant foam and water spray are also available.

Unsuitable extinguishing media:

Do not use a direct stream of water for extinguishing. In the presence of electrical voltage, it is not acceptable to use water or foam as an extinguishing medium.

5.2 Special hazards arising from the substance or mixture: Special risks:

Exposure to combustion or decomposition products may be harmful to health.

During a fire, depending on its magnitude, the following may be produced: - Flammable vapors or gases. - Explosions

5.3 Recommendations for firefighting personnel:

Cool tanks, cisterns or containers near the heat source or fire with water. Take into account the direction of the wind. Prevent firefighting products from entering drains, sewers, or waterways. Follow the

Instructions described in the fire emergency and evacuation plan(s), if available. Move containers away from the area if it is safe to do so. Stay away from containers and continue cooling them from a safe location. **Fire protection equipment.**

Depending on the magnitude of the fire, the use of heat protection suits, self-contained breathing apparatus, may be necessary.

Gloves, protective goggles or face shields, and boots. During extinguishing and depending on the size and proximity of the fire

Additional protective equipment such as chemical protection gloves, heat-reflective suits, or gas-tight suits may be required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Eliminate potential ignition sources and electrostatic charges, ventilate the area. No smoking. Avoid breathing vapors. Isolate the area. area and ensure adequate ventilation. Accumulation in basements, pits, or any confined space or depressed area may be hazardous. For exposure control and personal protection measures, see section 8.

6.2 Environmental precautions:

Product not classified as hazardous to the environment, avoid any spillage as far as possible.

6.3 Containment and cleaning methods and materials:

Contain and collect the spill with inert absorbent material (earth, sand, vermiculite, diatomaceous earth, etc.) and clean the area.

immediately with a suitable decontaminant.

Deposit waste in closed containers suitable for disposal, in accordance with local and national regulations.

nationals (see section 13).

6.4 References to other sections:

For exposure control and personal protection measures, see section 8. For waste disposal, follow the recommendations in section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

Vapors are heavier than air and can spread along the ground. They can form explosive mixtures with air. Avoid creating flammable or explosive vapor concentrations in the air; avoid vapor concentrations exceeding the exposure limits during work. The product should only be used in areas where all open flames and other ignition points have been eliminated. Electrical equipment must be protected according to appropriate standards.

The product may become electrostatically charged: always use grounding points when transferring the product. Workers must wear antistatic footwear and clothing, and floors must be conductive.

Keep the container tightly closed and away from heat, sparks, and open flames. Do not use tools that may produce sparks.

Avoid contact with skin and eyes. Avoid inhalation of vapor and mist produced during spraying. For personal protection, see section 8.

Smoking, eating, and drinking must be prohibited in the application area. Comply with occupational health and safety legislation.

Pressurized gases must be handled by properly trained and experienced personnel. Use equipment appropriate for the supply pressure and temperature. Protect containers from physical damage and keep valves clean and in perfect condition. Do not tamper with the original container.

7.2 Conditions for safe storage, including any incompatibilities:

Store in accordance with local regulations. Observe label directions. Store containers between 5 and 25°C in a dry, well-ventilated area, away from heat sources and direct sunlight. Keep away from ignition sources. Keep away from oxidizing agents and strongly acidic or alkaline materials. No smoking. Prevent unauthorized entry. Do not store in conditions that may promote corrosion of the container. Protect containers from physical damage and inspect them periodically to ensure they are in good condition.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Specific end uses: Not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

The product does NOT contain substances with Occupational Exposure Limit Values. The product does NOT contain substances with Biological Limit Values.

8.2 Exposure controls.

Technical measures: Provide adequate ventilation, including general extraction. can be achieved through good local extraction-ventilation and a good system

Concentración:	100 %		
Usos:	Aerosol		
Protección respiratoria:			
EPI:	Máscara filtrante para la protección contra gases y partículas		
Características:	Marcado «CE» Categoría III. La máscara debe tener amplio campo de visión y forma anatómica para ofrecer estanqueidad y hermeticidad.		
Normas CEN:	EN 136, EN 140, EN 405		
Mantenimiento:	No se debe almacenar en lugares expuestos a temperaturas elevadas y ambientes húmedos antes de su utilización. Se debe controlar especialmente el estado de las válvulas de inhalación y exhalación del adaptador facial.		
Observaciones:	Se deberán leer atentamente las instrucciones del fabricante al respecto del uso y mantenimiento del equipo. Se acoplarán al equipo los filtros necesarios en función de las características específicas del riesgo (Partículas y aerosoles: P1-P2-P3, Gases y vapores: A-B-E-K-AX) cambiándose según aconseje el fabricante.		
Tipo de filtro necesario:	A2		
Protección de las manos:			
EPI:	Guantes de trabajo		
Características:	Marcado «CE» Categoría I.		
Normas CEN:	EN 374-1, En 374-2, EN 374-3, EN 420		
Mantenimiento:	Se guardarán en un lugar seco, alejados de posibles fuentes de calor, y se evitará la exposición a los rayos solares en la medida de lo posible. No se realizarán sobre los guantes modificaciones que puedan alterar su resistencia ni se aplicarán pinturas, disolventes o adhesivos.		
Observaciones:	Los guantes deben ser de la talla correcta, y ajustarse a la mano sin quedar demasiado holgados ni demasiado apretados. Se deberán utilizar siempre con las manos limpias y secas.		
Material:	PVC (Cloruro de polivinilo)	Tiempo de penetración (min.):	> 480
		Espesor del material (mm):	0,35



Protección de los ojos:			
EPI:	Pantalla facial		
Características:	Marcado «CE» Categoría II. Protector de ojos y cara contra salpicaduras de líquidos.		
Normas CEN:	EN 165, EN 166, EN 167, EN 168		
Mantenimiento:	La visibilidad a través de los oculares debe ser óptima para lo cual estos elementos se deben limpiar a diario, los protectores deben desinfectarse periódicamente siguiendo las instrucciones del fabricante. Se vigilará que las partes móviles tengan un accionamiento suave.		
Observaciones:	Las pantallas faciales deben tener un campo de visión con una dimensión en la línea central de 150 mm como mínimo, en sentido vertical una vez acopladas en el armazón.		



Protección de la piel:		
EPI:	Ropa de protección con propiedades antiestáticas	
Características:	Marcado «CE» Categoría II. La ropa de protección no debe ser estrecha o estar suelta para que no interfiera en los movimientos del usuario.	
Normas CEN:	EN 340, EN 1149-1, EN 1149-2, EN 1149-3, EN 1149-5	
Mantenimiento:	Se deben seguir las instrucciones de lavado y conservación proporcionadas por el fabricante para garantizar una protección invariable.	
Observaciones:	La ropa de protección debería proporcionar un nivel de confort consistente con el nivel de protección que debe proporcionar contra el riesgo contra el que protege, con las condiciones ambientales, el nivel de actividad del usuario y el tiempo de uso previsto.	
EPI:	Calzado de protección con propiedades antiestáticas	
Características:	Marcado «CE» Categoría II.	
Normas CEN:	EN ISO 13287, EN ISO 20344, EN ISO 20346	
Mantenimiento:	El calzado debe ser objeto de un control regular, si su estado es deficiente se deberá dejar de utilizar y ser reemplazado.	
Observaciones:	La comodidad en el uso y la aceptabilidad son factores que se valoran de modo muy distinto según los individuos. Por tanto conviene probar distintos modelos de calzado y, a ser posible, anchos distintos.	

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties. Physical

state: Liquid

Color: Colorless

Odor: Odorless

Odor threshold: Not applicable/Not available due to the nature/properties of the product. Melting

point: Not applicable/Not available due to the nature/properties of the product. Freezing point: Not

applicable/Not available due to the nature/properties of the product.

Boiling point/initial boiling point/boiling range: Not applicable/Not available due to the nature/properties of the product.

Flammability: Not applicable/Not available due to the nature/properties of the product.

Lower explosion limit: Not applicable/Not available due to the nature/properties of the product. Upper

explosion limit: Not applicable/Not available due to the nature/properties of the product. Flash point: <-83 °C

Autoignition temperature: Not applicable/Not available due to the nature/properties of the product.

Decomposition temperature: Not applicable/Not available due to the nature/properties of the product. pH: Not

applicable (The substance/mixture is non-polar/aprotic).

Kinematic viscosity: Not applicable/Not available due to the nature/properties of the product. Solubility:

Not applicable/Not available due to the nature/properties of the product. Water solubility: Not

applicable/Not available due to the nature/properties of the product. Fat solubility: Not applicable/Not

available due to the nature/properties of the product.

Partition coefficient (n-octanol/water)(logarithmic value): Not applicable/Not available due to the nature/properties of the product.

Vapor Pressure: Not applicable/Not available due to the nature/properties of the product. Absolute

Density: Not applicable/Not available due to the nature/properties of the product.

Relative density: 0.55 g/ml (Estimated based on the indications of Regulation (EC) No 1272/2008)

Vapor density: Not applicable/Not available due to the nature/properties of the product. Particle characteristics:

Not applicable/Not available due to the nature/properties of the product.

9.2 Other data.

Not applicable/Not available due to the nature/properties of the product.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

The product does not present any hazards due to its reactivity.

10.2 Chemical stability:

Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of dangerous reactions: Extremely flammable aerosol. Pressurized container: May burst if heated. **Conditions to avoid:**

10.4

Avoid any type of incorrect handling.

10.5 Incompatible materials:

Keep away from oxidizing agents and strongly alkaline or acidic materials to avoid exothermic reactions.

10.6 Hazardous decomposition products: It does not decompose if used as intended.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on the hazard classes defined in Regulation (EC) No 1272/2008. There is no data available on the product testing.

- Acute toxicity: Inconclusive data for classification.
- Skin corrosiveness/irritability: Inconclusive data for classification.
- serious eye injuries or eye irritation
- respiratory or skin sensitization; Inconclusive data for classification.
- germ cell mutagenicity; Inconclusive data for classification
- carcinogenicity; Inconclusive data for classification.
- reproductive toxicity; Inconclusive data for classification.
- Specific target organ toxicity (STOT) - single exposure; Inconclusive data for classification
- Specific target organ toxicity (STOT) - repeated exposure; Inconclusive data for classification.
- aspiration hazard; Inconclusive data for classification.

11.2 Information relating to other hazards.

Endocrine disrupting properties.

This product does not contain components with endocrine disrupting properties that could affect human health.

Other data.

There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity.

No information is available regarding the ecotoxicity of the substances present.

12.2 Persistence and degradability.

No information is available on the biodegradability of the substances present. No information is available on the degradability of the substances present. No information is available on the persistence and degradability of the product.

12.3 Bioaccumulation potential.

No information is available regarding the bioaccumulation of the substances present.

12.4 Mobility in the soil.

There is no information available on mobility in the soil.

The product must not be allowed to enter sewers or waterways. Avoid penetration into the ground.

12.5 Results of PBT and vPvB assessment.

There is no information available on the PBT and vPvB assessment of the product.

12.6 Endocrine disrupting properties.

This product does not contain components with endocrine disrupting properties on the environment.

12.7 Other adverse effects.

The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.

There is no information available on other adverse effects on the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Methods for waste treatment:

Do not discharge into sewers or waterways. Waste and empty containers must be handled and disposed of in accordance with applicable local and national regulations. Follow the provisions of Directive 2008/98/EC regarding waste management.

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with ADR/TPC regulations for road transport, RID regulations for rail transport, IMDG regulations for sea transport, and ICAO/IATA regulations for air transport.

Land: Road transport: ADR, Rail transport: RID. Transport documentation: Waybill and Written instructions. Sea: Vessel transport: IMDG.

Transport documentation: Bill of lading. Air: Air transport: IATA/ICAO.

Transport document: Air waybill.

14.1 UN number or ID number.

UN No.: UN1950

14.2 Proper United Nations shipping name. Description:

ADR/RID: UN 1950, AEROSOLS, 2.1, (D)

IMDG: UN 1950, AEROSOLS, 2.1 (-83°C)

ICAO/IATA: UN 1950, AEROSOLS, 2.1

14.3 Transport hazard class(es).

Class(es): 2

14.4 Packing group. Packing group: Not applicable.

14.5 Environmental Hazards.

Marine Pollutant: No

Transport by boat, FEm - Emergency cards (F – Fire, S – Spills): FD,SU

14.6 Special precautions for users.

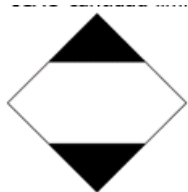
Provisions relating to bulk transport in ADR: Bulk transport is not authorized under ADR.

Proceed as per point 6.

ADR Limited Quantity: 1 L IMDG

Limited Quantity: 1 L ICAO Limited

Quantity: Not applicable.



14.7 Bulk carriage by sea in accordance with IMO instruments. The product is not affected by bulk carriage by vessels.

SECTION 15: REGULATORY INFORMATION

Regulations and legislation on safety, health and environment specific to the substance or the

15.1 mix:

Volatile Organic Compound

(VOC) VOC Content (w/w): 99.9%

VOC Content: 549.45 g/l

The product is not affected by Regulation (EU) No 528/2012 concerning the placing on the market and use of biocidal products. The product is not affected by the procedure laid down in Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals.

Water pollutant class (Germany): nwg: Not hazardous to water (Self-classified according to AwSV Regulation)

15.2 Chemical safety assessment.

A chemical safety assessment of the product has been carried out.

SECTION 16: OTHER INFORMATION

Classification codes:

Aerosol 1: Flammable aerosol, Category 1

Classification and procedure used to determine the classification of mixtures in accordance with Regulation (EC) No 1272/2008 [CLP]:

Physical hazards

According to data obtained from the tests

Health hazards

Calculation method

Environmental hazards

Calculation method

Basic training in occupational health and safety is recommended for proper handling of the product.

Abbreviations and acronyms used:

ADR: Agreement concerning the International Carriage of Dangerous Goods by Road. AwSV: Regulations on Installations for the Handling of Substances Hazardous to Water. CEN: European Committee for Standardization.

PPE: Personal Protective Equipment.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

IMDG: International Maritime Dangerous Goods Code.

RID: Regulations concerning the international transport of dangerous goods by rail.

WGK: Water hazard classes.

Main bibliographic references and data sources: <http://eur-lex.europa.eu/homepage.html> <http://echa.europa.eu/> Regulation (EU) 2020/878. Regulation (EC) No 1907/2006. Regulation (EC) No 1272/2008.

The information provided in this Safety Data Sheet has been drawn up in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

The information in this Product Safety Data Sheet is based on current knowledge and current EC and national laws, as the user's working conditions are beyond our knowledge and control. The product should not be used for purposes other than those specified without first receiving written instructions for its use. It is always the user's responsibility to take appropriate measures to comply with the requirements established by law.

