



SAFETY DATA SHEET

Page : 1 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : NANOINVULNER SAPHIR SPRAY

Product code : 0735002

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

Use : Shoe and leather care product.

1.3. Details of the supplier of the safety data sheet

Company identification : AVEL
Lombre
MAGNAC LAVALETTE
16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com

1.4. Emergency telephone number

Phone nr : +33(0) 476 753 045 (Office hours: Monday-Friday 8AM-3PM GMT+1)
24h Toxicology emergencies (INTCF Spain): + 34 91 562 04 20

2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

Classification : F+; R12
R67
Xi; R36

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

Health hazards : Eye irritation - Category 2 - Warning (Eye Irrit. 2) H319
Specific Target Organ Toxicity - Single exposure - Narcotic effects - Category 3 -
Warning (STOT SE 3) H336

Physical hazards : Flammable aerosols - Category 1 - Danger (Flam. Aerosol 1) H222

2.2. Label elements

Labelling Regulation EC 1272/2008 (CLP)

Hazard pictograms



AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 2 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

2. Hazards identification (continued)

Signal words	: Danger
Hazard statements	: H222 : Extremely flammable aerosol. H229: Pressurized container: may burst if heated. H319 : Causes serious eye irritation. H336 : May cause drowsiness or dizziness.
Precautionary statements	
• General	: P102: Keep out of reach of children.
• Prevention	: P251: Do not pierce or burn, even after use. 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. P261: Avoid breathing dust, fume, gas, mist, vapours, spray. P271: Use only outdoors or in a well-ventilated area.
• Response	: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352: IF ON SKIN : Wash with plenty of soap and water. P304+P340: IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing.
• Storage	: P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
• Disposal considerations	: P501: Dispose of this material and its container to hazardous or special waste collection point.
Contains	: Ethyl acetate - Isopropyl acetate Note: By CLP Regulations, only the 6 most important precautionary statements (P-phrases) shall appear on the label.

Labelling - Further information

Directions for use (special precautions)	: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.
---	--

2.3. Other hazards

Other hazards	: Contains gas under pressure; may explode if heated.
----------------------	---

3. Composition/information on ingredients

Substance / Preparation	: Preparation. Aerosol.
Hazardous component(s)	: This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Ethyl acetate	: > 40 < 50 %	141-78-6	205-500-4	607-0R22, 00-5	----	F; R11 R66 R67 Xi; R36 ----- Flam. Liq. 2 _ H225 Eye irrit 2 _ H319 STOT SE 3 _ H336 STOT RE _ EUH066
Isopropyl acetate	: > 1 < 5 %	108-21-4	203-561-1	607-024-00-6	----	F; R11 R66 R67 Xi; R36 ----- Flam. Liq. 2 _ H225 Eye irrit 2 _ H319 STOT SE 3 _ H336

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 3 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

3. Composition/information on ingredients (continued)

STOT RE_ EUH066

4. First aid measures

4.1. Description of first aid measures

- Inhalation** : Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.
- Skin contact** : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
- Eye contact** : Get medical advice. If eye irritation persists : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Ingestion** : Do NOT induce vomiting. Rinse mouth. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms relating to use** : Direct contact with the eyes is likely irritating. Shortness of breath. Cough. Causes serious eye irritation. May cause drowsiness or dizziness. Repeated exposure may cause skin dryness or cracking.
- Primary route of exposure** : Eyes contact. Vapours inhalation.

4.3. Indication of any immediate medical attention and special treatment needed

- General information** : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

5.1. Extinguishing media

- Suitable extinguishing media** : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media** : Do not use a heavy water stream.
- Surrounding fires** : Use water spray or fog for cooling exposed containers.

5.2. Special hazards arising from the substance or mixture

- Flammable class** : Extremely flammable aerosol.
- Hazardous combustion products** : Under fire conditions, hazardous fumes will be present.
- Specific hazards** : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

5.3. Advice for fire-fighters

- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : DO NOT fight fire when fire reaches explosives. In case of fire : Evacuate area. Fight fire remotely due to the risk of explosion. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 4 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- For emergency responders** : Avoid breathing dust, fume, gas, mist, vapours, spray.
Equip cleanup crew with proper protection.
Ventilate area.
- Technical measures** : Use special care to avoid static electric charges.
- Special precautions** : Isolate small containers presenting a leak. No naked lights. No smoking. Remove ignition sources.
- For non-emergency personnel** : Evacuate unnecessary personnel.

6.2. Environmental precautions

- Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Clean up methods** : Collect spillage. Store away from other materials. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

See section 8. Exposure controls/personal protection

7. Handling and storage

7.1. Precautions for safe handling

- Handling** : Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area. Do not spray on an open flame or other ignition source. Pressurized container : Do not pierce or burn, even after use.
- Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.
Proper grounding procedures to avoid static electricity should be followed.
- Special precautions** : Avoid breathing dust, fume, gas, mist, vapours, spray.

7.2. Conditions for safe storage, including any incompatibilities

- Storage** : Do not expose to temperatures exceeding 50°C/ 122°F. Keep container tightly closed. Keep only in the original container in a cool, well ventilated place. Keep in fireproof place.
- Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight.
Heat sources.

7.3. Specific end use(s)

- Specific end use(s)** : See section 1.

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 5 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

8. Exposure controls/personal protection

8.1. Exposure controls

Personal protection



Personal protection

• Respiratory protection

: Avoid all unnecessary exposure. Do not breathe gas/fumes/vapour.

: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

• Hand protection

: Wear protective gloves.

• Eye protection

: Chemical goggles or safety glasses.

• Others

: When using, do not eat, drink or smoke.

Industrial hygiene

: Ensure adequate ventilation.

8.2. Control parameters

Occupational Exposure Limits

: No data available.

Occupational Exposure Limits

: Ethyl acetate : VLA-ED [ppm] : 400

Ethyl acetate : VLA-ED [mg/m³] : 1460

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state at 20 °C

: Aerosol.

Colour

: Neutral

Odour

: Characteristic.

Odour threshold

: No data available.

pH value

: No data available.

Melting point [°C]

: No data available.

Decomposition point [°C]

: No data available.

Critical temperature [°C]

: No data available.

Auto-ignition temperature [°C]

: No data available.

Flammability (solid, gas)

: Extremely flammable aerosol.

Flash point [°C]

: <23

Evaporation rate

: No data available.

Vapour pressure [20°C]

: No data available.

Vapour density

: No data available.

Density [g/cm³]

: 0.9

Solubility in water

: No data available.

Log Pow octanol / water at 20°C

: No data available.

Viscosity at 40°C [mm²/s]

: No data available.

9.2. Other information

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE

Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736

brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 6 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

9. Physical and chemical properties (continued)

Explosive properties : No data available.
Explosion limits - upper [%] : No data available.
Explosion limits - lower [%] : No data available.
Oxidising properties : No data available.

10. Stability and reactivity

10.1. Reactivity

Reactivity : Not established.

10.2. Chemical stability

Chemical stability : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Not established.

10.4. Conditions to avoid

Conditions to avoid : Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

10.5. Incompatible materials

Materials to avoid : Strong acids. Strong bases.

10.6. Hazardous decomposition products

Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.

11. Toxicological information

11.1. Information on toxicological effects

Toxicity information : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

Acute toxicity

- Inhalation : Based on available data, the classification criteria are not met.
- Dermal : Based on available data, the classification criteria are not met.
- Ingestion : Based on available data, the classification criteria are not met.

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

Irritation : Causes serious eye irritation.
Repeated exposure may cause skin dryness or cracking.

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

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

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 7 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

11. Toxicological information (continued)

Toxic for reproduction	: Based on available data, the classification criteria are not met.
STOT-single exposure	: May cause drowsiness or dizziness.
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.

12. Ecological information

12.1. Toxicity

Toxicity information : The product has been not fully tested. The calculated risk has been done under the requirements of the EU regulations.

12.2. Persistence - degradability

Persistence - degradability : Not established.

12.3. Bioaccumulative potential

Bioaccumulative potential : Not established.

12.4. Mobility in soil

Mobility in soil : Not established.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment : The substance/mixture does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

12.6. Other adverse effects

Environmental precautions : Avoid release to the environment.

13. Disposal considerations

13.1. Waste treatment methods

General : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Special precautions : Container under pressure. Do not drill or burn even after use. Flammable vapours may accumulate in the container.

14. Transport information

14.1. Land transport (ADR-RID)

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 8 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

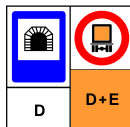
0735002

14. Transport information (continued)

Proper shipping name : AEROSOLS, flammable
UN N° : 1950
H.I. nr : --
ADR - Class : 2
ADR - Labelling : 2.1



ADR - Classification code : 5F
ADR - Packing instructions : P003 LP002 LP002
ADR - Limited Quantity : 1 L
ADR - Tunnel code



: D

14.2. Sea transport (IMDG) [English only]

Proper shipping name : AEROSOLS, flammable
UN N° : 1950
IMO-IMDG - Class or division : 2.1
IMO-IMDG - Packing instructions : P003
IMO-IMDG - Limited quantities : 1000 ml
IMO-IMDG - Marine pollution : No
EMS-Nr : F-D S-U

14.3. Air transport (ICAO-IATA) [English only]

Proper shipping name : AEROSOLS, flammable
UN N° : 1950
IATA - Class or division : 2.1
IATA - Passenger and Cargo Aircraft : ALLOWED
- Passenger and Cargo - Packing instruction : 203
- Passenger and Cargo - Maximum Quantity/Packing : 75 kg
IATA - Cargo only : ALLOWED
- Cargo only - Packing instruction : 203
- Cargo only - Maximum Quantity/Packing : 150 kg
IATA - Limited Quantities : 30 kg G
ERG-Nr : 10L

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 9 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

15. Regulatory information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture : Ensure all national/local regulations are observed.

REACH Restrictions - Annex XVII : The components of this product are not subject to restrictions.

REACH Authorisation - Annex XIV : The components of this product are not subject to authorization.

15.2. Chemical Safety Assessment

Chemical Safety Assessment : It has not been carried out.

16. Other information

Revision : Revision - See : *

Abbreviations and acronyms : PBT: persistent, bioaccumulative and toxic.
vPvB: very persistent and very bioaccumulative

List of relevant R phrases (heading 3) : R11 : Highly flammable.
R36 : Irritating to eyes.
R66 : Repeated exposure may cause skin dryness or cracking.
R67 : Vapours may cause drowsiness and dizziness.

List of full text of H-statements in section 3 : H225 : Highly flammable liquid and vapour.
H319 : Causes serious eye irritation.
H336 : May cause drowsiness or dizziness.
EUH066: Repeated exposure may cause skin dryness or cracking.

Sources of key data used : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Labelling EC 67/548 or EC 1999/45

• **Symbol(s)**



• **Symbol(s)** : Xi : Irritant
F+ : Extremely flammable

• **R Phrase(s)** : R12 : Extremely flammable.
R36 : Irritating to eyes.
R67 : Vapours may cause drowsiness and dizziness.

• **S Phrase(s)** : S2 : Keep out of the reach of children.
S23 : Do not breathe spray.
S46 : If swallowed seek medical advice immediately and show this container or label.
S51 : Use only in well-ventilated areas.

Further information : None.

The contents and format of this SDS are in accordance with REACH Regulation (CE) N° 1907/2006.

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com



SAFETY DATA SHEET

Page : 10 / 10

Revised edition no : 3

Date : 23 / 10 / 2015

Supersedes : 23 / 10 / 2015

NANOINVULNER SAPHIR SPRAY

0735002

information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

End of document

AVEL

Lombre MAGNAC LAVALETTE 16320 FRANCE
Tel. +33(0) 545 647 474 - Fax. +33(0) 545 647 736
brigitte-terrien@avel.com