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# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY

| | |
|---|---|
| **NAME OF THE PRODUCT** | GENIO B1 PREMIUM 1L |
| **CODE** | 100905 |
| **DISTRIBUTOR** | BOSSAUTO INNOVA, S.A. |
| **ADRESS** | C/ Thomas Edison 16 |
| **CITY** | 08430 La Roca del Vallés (Barcelona) |
| **PHONE** | 938 604 923 |
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## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

**Regulation (EC) Nr. 1272/2008.**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

### 2.2. Label elements

**Regulation (EC) Nr. 1272/2008.**

**Hazard components for Labelling**

This product has been treated with biocides for preservation.

**Precautionary statements**

P102 Keep out of reach of children.

**Special labelling of certain mixtures**

EUH208 Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

### 2.3. Other hazards

No information available.

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.2. Mixtures

Hazardous components

| | | |
|---|---|---|
| CAS:<br>EC: 918-481-9<br>Index:<br>REACH: 01-2119457273-39 | **Hydrocarbons, C10- C13, n- alkanes, isoalkanes, cyclics, < 2% aromatics**<br>Asp. Tox. 1; H304 EUH066 | 10 - < 15% |
| CAS: 55965-84-9<br>EC: 611-341-5<br>Index: 613-167-00-5<br>REACH: | **Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1).**<br>Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1<br>H330, H310, H301, H314, H318, H317, H400, H410, EUH071 | < 0,1 % |

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

| | | |
|---|---|---|
| CAS:<br>EC: 918-481-9 | **Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics**<br>inhalation: LC50 = >9,3 mg/l (vapours)<br>dermal: LD50 = >5000 mg/kg<br>oral: LD50 = >5000 mg/kg | 10 - < 15% |
| CAS: 55965-84-9<br>EC: 611-341-5 | **Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1).**<br>inhalation: ATE = 0,5 mg/l (vapours)<br>inhalation: ATE = 0,05 mg/l (dusts or mists)<br>dermal: LD50 = >141 mg/kg<br>oral: LD50 = 66 mg/kg<br>Skin Corr. 1C; H314: >= 0,6 – 100<br>Skin Irrit. 2; H315: >= 0,06 - < 0,6<br>Eye Dam. 1; H318: >= 0,6 – 100<br>Eye Irrit. 2; H319: >= 0,06 - <0,6<br>Skin Sens. 1A; H317: >= 0,0015 – 100<br>M acute; H400: M=100<br>M chron.; H410: M=100 | < 0,1 % |

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information**

No special measures are necessary. When in doubt or if symptoms are observed, get medical advice.

**After inhalation**

Provide fresh air. In case of respiratory tract irritation, consult a physician.

**After contact with skin**
After contact with skin, wash immediately with plenty of water and soap.Take off contaminated clothing and wash it before reuse.

**After contact with eyes**
Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestión**
Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed
No information available.

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

## 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media
**Suitable extinguishing media**
Foam.
Dry extinguishing powder.
Carbon dioxide (CO2).
Water spray jet.
Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media**
Full water jet

### 5.2. Special hazards arising from the substance or mixture
No special measures are necessary.

### 5.3. Advice for firefighters
In case of fire:
Wear self-contained breathing apparatus.

### Additional information
Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures
Provide adequate ventilation.
Do not breathe gas/fumes/vapour/spray.
Avoid contact with skin, eyes and clothes.
Use personal protection equipment.

### 6.2. Environmental precautions
Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up
Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

### 6.4. Reference to other sections
Safe handling: see section 7
Personal protection equipment: see section 8
Disposal: see section 13

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling
**Advice on safe handling**
No special measures are necessary. Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

**Advice on protection against fire and explosion**
No special fire protection measures are necessary. Only use the material in places where open light, fire and other flammable sources can be kept away.

**Further information on handling**
Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

### 7.2. Conditions for safe storage, including any incompatibilities
**Requirements for storage rooms and vessels**
Keep only in the original container in a cool, well-ventilated place. Keep container tightly closed.

**Hints on joint storage**
Do not store together with:
Oxidising agent.
Strong acid.
Strong alkali.

**Further information on storage conditions**
Temperatura de almacenaje recomendada: 15-25°C

### 7.3. Specific end use(s)
Automotive care products

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### 8.1 Control parameters
**Exposure limits (EH40)**

| | | | |
|---|---|---|---|
| Aluminium oxides, respirable dust<br>CAS: 1344-28-1 | 4mg/m³ | TWA (8h) | WEL |
| Glycerol, mist<br>CAS: 58-81-5 | 10mg/m³ | TWA (8h) | WEL |

**DNEL/DMEL Values (Worker)**

| Identification | | Short - term | | Long - term | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| Aluminium oxide<br>CAS: 1344-28-1 | Oral | Non- applicable | Non- applicable | Non- applicable | Non- applicable |
| | Dermal | Non- applicable | Non- applicable | Non- applicable | Non- applicable |
| | Inhalation | Non- applicable | Non- applicable | Non- applicable | 15,6 mg/m³ |
| Glycerol<br>CAS: 56-81-5 | Oral | Non- applicable | Non- applicable | Non- applicable | Non- applicable |
| | Dermal | Non- applicable | Non- applicable | Non- applicable | Non- applicable |
| | Inhalation | Non- applicable | Non- applicable | Non- applicable | 56 mg/m³ |

**DNEL/DMEL Values (Consumer)**

| Identification | | Short - term | | Long - term | |
|---|---|---|---|---|---|
| | | Systemic | Local | Systemic | Local |
| Aluminium oxide<br>CAS: 1344-28-1 | Oral | Non- applicable | Non- applicable | Non- applicable | Non- applicable |
| | Dermal | Non- applicable | Non- applicable | Non- applicable | Non- applicable |
| | Inhalation | Non- applicable | Non- applicable | 6,2 mg/kg bw/day | Non- applicable |
| Glycerol<br>CAS: 56-81-5 | Oral | Non- applicable | Non- applicable | 229 mg/kg bw/day | Non- applicable |
| | Dermal | Non- applicable | Non- applicable | Non- applicable | Non- applicable |
| | Inhalation | Non- applicable | Non- applicable | Non- applicable | 33 mg/m³ |

**PNEC Values**

| | | |
|---|---|---|
| Aluminium oxide<br>CAS: 1344-28-1 | Freshwater | 0,0749 mg/l |
| | Micro-organisms in sewage treatment plants (STP) | 20 mg/l |
| Glycerol<br>CAS: 56-81-5 | Freshwater | 0,885 mg/l |
| | Marine water | 0,00885 mg/l |
| | Freshwater sediment | 3,3 mg/kg |
| | Marine sediment | 0,33 mg/kg |
| | Soil | 0,141 mg/kg |

### 8.2. Exposure controls

**Appropriate engineering controls**

Use only in well-ventilated areas.

**Protective and hygiene measures**

Take off contaminated clothing. Wash hands before breaks and after work. When using do not smoke. When using do not eat or drink. Avoid contact with skin, eyes and clothes. Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

**Eye/face protection**

Wear eye/face protection.

**Hand protection**

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. 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. Tested protective gloves must be worn.
Recommended glove articles: HyFlex® Foam (EN 420, EN 388 (3131)).

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection.

**Environmental exposure controls**

No special environmental measures are necessary. Do not allow uncontrolled discharge of product into the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | Liquid |
| Colour | Light red |
| Odour | Fruity |
| pH-Value (at 20ºc) | 7,8 |
| **Changes in the physical state** | |
| Melting point/freezing point | Not determined |
| Boiling point or initial boiling point and boiling range | 100ºc |
| Flash point | >61ºc |
| **Flammability** | |
| Solid/ liquid | Not applicable |
| Gas | Not applicable |
| Lower explosion limits | 0,5% vol. |
| Upper explosion limits | 7% vol. |
| Auto-ignition temperature | >200ºc |
| **Self-ignition temperatura** | |
| Solid | Not applicable |

| | |
|---|---|
| Gas | No aplicable |
| Decomposition temperatura | Not determined |
| **Oxidizing properties** | |
| Not oxidising | |
| Vapour pressure (at 20ºc) | 0,6 h/Pa |
| Density (at 20ºc) | 1 g/cm$^3$ |
| Water solubility | Completely miscible |
| **Solubility in other solvents** | |
| Not determined | |
| Partition coefficient n-octanol/water | Not determined |
| Viscosity/ dynamic (at 20ºc) | 20000 – 25000 mPa·s |
| Evaporation rate | Not determined |
| Solvent content | 23,85% |

### 9.2. Other information
Solid content: Not determined.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity
No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability
The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions
No known hazardous reactions.

### 10.4. Conditions to avoid
Only use the material in places where open light, fire and other flammable sources can be kept away.

### 10.5. Incompatible materials
Oxidising agent.
Strong acid.
Strong alkali.

### 10.6. Hazardous decomposition products
No known hazardous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in the Regulation (EC) Nr. 1272/2008

**Toxicocinetics, metabolism and distribution**
No information available.

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

| Identification | Exposure route | Dose | Species | Source | Method |
|---|---|---|---|---|---|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | Oral | DL50 >5000 mg/kg | Rat | ECHA | OECD TG 401 |
| | Dermal | DL50 >5000 mg/kg | Rabbit | ECHA | OECD TG 402 |
| | Inhalation (4h) vapour | CL50 >9,3 mg/l | Rat | ECHA | OECD TG 403 |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). CAS: 55965-84-9 | Oral | DL50 66 mg/kg | Rat | Thor | |
| | Dermal | DL50 >141 mg/kg | | Thor | |
| | Inhalation vapour | ATE 0,5 mg/l | | | |
| | Inhalation aerosol | ATE 0,05 mg/l | | | |

**Irritation and corrosivity**
Based on available data, the classification criteria are not met.

**Sensitising effects**
Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.

**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.

**Specific effects in experiment on an animal**
No information available.

**Additional information on tests**
The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

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

| Identification | Aquatic toxicity | Dose | [h] \| [d] | Species | Source | Method |
|---|---|---|---|---|---|---|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | Acute fish toxicity | CL50 >1000 mg/l | 96h | Oncorhynchus mykiss (Rainbow trout) | ECHA | OECD 203 |
| | Acute algae toxicity | Er50r >1000 mg/l | 72h | Pseudokirchneriella subcapitata | ECHA | OECD 201 |
| | Acute crustacea toxicity | EC50 >1000 mg/l | 48h | Daphnia magna (Big water flea) | ECHA | OECD 202 |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). CAS: 55965-84-9 | Acute fish toxicity | CL50 0,22 mg/l | 96h | Oncorhynchus mykiss (Rainbow trout) | Thor | OECD 203 |
| | Acute algae toxicity | Er50r 0,048 mg/l | 72h | Pseudokirchneriella subcapitata | Thor | OECD 201 |
| | Acute crustacea toxicity | EC50 0,1 mg/l | 48h | Daphnia magna (Big water flea) | Thor | OECD 202 |
| | Fish toxicity | NOEC 0,098 mg/l | 28d | Oncorhynchus mykiss (Rainbow trout) | Thor | OECD 210 |
| | Algae toxicity | NOEC 0,0012 mg/l | 3d | Pseudokirchneriella subcapitata | Thor | OECD 201 |
| | Crustacea toxicity | NOEC 0,0004 | 21d | Daphnia magna (Big water flea) | Thor | OECD 211 |
| | Acute bacteria toxicity | (7,92 mg/l) | 3h | Activated sludge | | OECD 209 |

### 12.2. Persistence and degradability

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

| Identification | Method | Value | D | Source | Evaluation |
|---|---|---|---|---|---|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | OECD 301 F | 80% | 28 | ECHA | Readily biodegradable (according to OECD criteria). |
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). CAS: 55965-84-9 | OECD 301 A | >70% | 28 | Thor | Readily biodegradable (according to OECD criteria). |
| | OECD 301 D | >60% | | Thor | Readily biodegradable (according to OECD criteria). |

### 12.3. Bioaccumulative potential
The product has not been tested.

| Identification | BCF | Source |
|---|---|---|
| Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1).<br>CAS: 55965-84-9 | 3,16 | EPIWIN, S 1177 |

### 12.4. Mobility in soil
The product has not been tested.

### 12.5. Results of PBT and vPvB assessment
The product has not been tested.

### 12.7. Other adverse effects
No information available.

### Further information
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods
**Disposal recommendations**
Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**Contaminated packaging**
Non-contaminated packages may be recycled.

## 14. TRANSPORT INFORMATION

**Land transport (ADR/RID)**

| | |
|---|---|
| **14.1 UN number** | No dangerous good in sense of this transport regulation. |
| **14.2 UN proper shipping name** | No dangerous good in sense of this transport regulation. |
| **14.3 Transport hazards class(es)** | No dangerous good in sense of this transport regulation. |
| **14.4 Packing group** | No dangerous good in sense of this transport regulation. |

**Inland waterways transport (ADN)**

| | |
|---|---|
| **14.1 UN number** | No dangerous good in sense of this transport regulation. |
| **14.2 UN proper shipping name** | No dangerous good in sense of this transport regulation. |
| **14.3 Transport hazards class(es)** | No dangerous good in sense of this transport regulation. |
| **14.4 Packing group** | No dangerous good in sense of this transport regulation. |

**Marine transport (IMDG)**

| | |
|---|---|
| **14.1 UN number** | No dangerous good in sense of this transport regulation. |
| **14.2 UN proper shipping name** | No dangerous good in sense of this transport regulation. |
| **14.3 Transport hazards class(es)** | No dangerous good in sense of this transport regulation. |
| **14.4 Packing group** | No dangerous good in sense of this transport regulation. |

**Air transport (ICAO-TI/ IATA-DGR)**

| | |
|---|---|
| **14.1 UN number** | No dangerous good in sense of this transport regulation. |
| **14.2 UN proper shipping name** | No dangerous good in sense of this transport regulation. |
| **14.3 Transport hazards class(es)** | No dangerous good in sense of this transport regulation. |
| **14.4 Packing group** | No dangerous good in sense of this transport regulation. |

**14.5. Environmental hazards**
ENVIRONMENTALLY HAZARDOUS: NO

**14.6. Special precautions for user**
No special measures are necessary.

**14.7. Maritime transport in bulk according to IMO instruments**
Not applicable.

## 15. REGULATORY INFORMATION

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

**EU regulatory information**

| | |
|---|---|
| 2010/75 / EU (VOC): | 15,872 % (158,724 g/l) |
| 2004/42/EC (VOC): | 15,873 % (158,735 g/l) |
| Information according to 2012/18/UE: (SEVESO III) | Not subject to 2012/18/EU (SEVESO III) |

**Additional information**
To follow: 850/2004/EC, 79/117/EEC, 689/2008/EC

**National regulatory information**
Water hazard class (D): 1 - slightly hazardous to water

**15.2. Chemical safety assessment**
Chemical safety assessments for substances in this mixture were not carried out.

## 16. OTHER INFORMATION

**Chances**
This data sheet contains changes from the previous version in section(s): 2,3,8,9,15.

**Abbreviations and acronyms**
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substance
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%

**Texto de las frases H y EUH (número y texto completo)**
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H310: Fatal in contact with skin.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H330: Fatal if inhaled.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
EUH066: Repeated exposure may cause skin dryness or cracking.
EUH071: Corrosive to the respiratory tract.
EUH208: Contains mixture of 5-chloro-2-methyl-2H-isothiazol-3-one (EG No. 247-500-7) and 2-methyl-2H-isothiazol-3-one (EG No. 220-239-6) (3:1). May produce an allergic reaction.
EUH210: Safety data sheet available on request.

**Further information**
The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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**Identified uses**

| Nº | Identification | LCS | SU | PC | PROC | ERC | AC | TF | Specifi-cation |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Formulation or re-packing | F | - | - | 8a, 9 | 2 | - | - | |
| 2 | Automotive care products, Industrial uses | IS | - | - | 7, 10, 17 | 4 | - | - | |
| 3 | Automotive care products, Professional uses | PW | - | - | 10, 11, 17 | 8a | - | - | |
| 4 | Automotive care products, Consumer use | C | - | 31 | - | 8a | - | - | |

LCS: Life cycle stages
PC: Product categories
ERC: Environmental release categories
TF: Technical functions
SU: Sectors of use
PROC: Process categories
AC: Article categories

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