

**SAFETY DATA SHEET**

according to 1907/2006/EC, Article 31

Revision date: 04.02.2022

**1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product details****Trade name:** Laser Power cut**Article number:** 49930**Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

**Intended use:** Car refinishing product/ Abrasive and polishing compound**Manufacturer/Supplier:**

Chamäleon GmbH

Rudolf-Diesel-Straße, 8a, 69115 Heidelberg

Germany

**Further information obtainable from:** Product Safety Department**Information in case of emergency:** + 49 70024112112 (CH)**2 – HAZARDS IDENTIFICATION****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

The product is not classified, according to the CLP regulation.

**Label elements****Labelling according to Regulation (EC) No 1272/2008** Void**Hazard pictograms** Void**Signal word** Void**Hazard statements** Void**Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

**Other hazards****Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

■ **3- COMPOSITION/INFORMATION ON INGREDIENTS**

**Description: Mixture: consisting of the following components.**

**Dangerous components:**

|  |  |         |
|--|--|---------|
| EC number: 918-481-9<br>Reg.nr.: 01-2119457273-39                | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics,<br>( < 2% aromatics)  | 10-25%  |
|  | Asp. Tox. 1, H304, EUH066  |         |
| CAS: 64741-89-5<br>EINECS: 265-091-3                             | Distillates (petroleum), solvent-refined light paraffinic  | 2.5-10% |
|  | Asp. Tox. 1, H304  |         |
| CAS: 68439-49-6<br>Polymer                                       | alcohols, C16-18, ethoxylated  | ≤2.5%   |
|  | Aquatic Acute 1, H400; Aquatic Chronic 3, H412   |         |
| CAS: 2634-33-5<br>EINECS: 220-120-9<br>Reg.nr.: 01-2120761540-60 | 1,2-benzisothiazol-3(2H)-one   | <0.05%  |
|  | Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic<br>Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox.<br>4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317<br>Specific concentration limit: Skin Sens. 1; H317: C ≥<br>0.05 % |         |

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

**4- FIRST - AID MEASURE**

**Description of first aid measures**

**General information.** No special measures required.

**After inhalation** Supply fresh air; consult doctor in case of complaints.

**After contact with skin** Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After contact with eyes** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After ingestion** Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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

Treat symptomatically.

## **5- FIRE - FIGHTING MEASURE**

### **Extinguishing media**

**Suitable extinguishing agents:** Water spray. Dry powder. Foam. Carbon dioxide

**Unsuitable extinguishing media** Water with full jet

**Special hazards arising from the substance or mixture** Nitrogen oxides (NO<sub>x</sub>)

### **Advice for firefighters**

#### **Protective equipment:**

Wear self-contained respiratory protective device.

Wear fully protective suit.

## **6- ACCIDENTAL RELEASE MEASURE**

### **Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Ensure adequate ventilation. Use personal protection recommended in section 8.

**Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

#### **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

#### **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## **7- HANDLING AND STORAGE**

### **Precautions for safe handling**

No special precautions are necessary if used correctly.

### **Conditions for safe storage, including any incompatibilities**

#### **Storage:**

#### **Requirements to be met by storerooms and receptacles:**

Store in a well-ventilated place. Storage temperature: between 5°C and 30°C.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**Specific end use(s)** No further relevant information available.

**8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

| <b>DNELs</b>                                |                                      |   |
|---|--------------------------------------|---|
| CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one |                                      |   |
| Dermal                                      | DNEL, general population, dermal     | 0.345 mg/kg KG/Tag (general population) |
|   | DNEL, worker, dermal                 | 0.966 mg/kg KG/Tag (worker)             |
| Inhalative                                  | DNEL, general population, inhalative | 1.2 mg/m3 (general population)          |
|   | DNEL, worker, inhalative             | 6.81 mg/m3 (worker)                     |
| <b>PNECs</b>                                |                                      |   |
| CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one |                                      |   |
| PNEC  | (Kläranlage)                         | 1.03 mg/l                               |
| PNEC  | (Süßwasser)                          | 4.03 µg/l                               |
| PNEC  | (Meerwasser)                         | 0.000403 mg/l                           |
| PNEC  | (Sediment - Süßwasser)               | 0.0499 mg/kg                            |
| PNEC  | (Sediment Meerwasser)                | 0.00499 mg/kg                           |
| PNEC  | (Boden)                              | 3 mg/kg                                 |

**Additional information:** The lists valid during the making were used as basis.

**Exposure controls**

**Appropriate engineering controls:** No further data; see item 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:** Do not eat, drink, smoke or sniff while working.

**Respiratory protection:** Not necessary if room is well-ventilated.

**Hand protection:**

Normally one does not come into direct contact with the product during use. At the risk of entanglement of protective glove in rotating or linear moving machine parts protective gloves should not be worn.

Recommendation for short-term exposure: Use chemical resistant gloves.

**Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: 0.45 mm

**Penetration time of glove material**

≥ 480 min

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Safety glasses

**Body protection:** Protective work clothing

## 9 – PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### General Information:

|   |   |
|---|---|
| Colour:   | White   |
| Odour:  | Characteristic                                |
| Odour threshold:  | Not determined.                               |
| Melting point/freezing point:   | Undetermined.                                 |
| Boiling point or initial boiling point and boiling range                      | >100 °C (>212 °F)                             |
| Flammability  | Not applicable                                |
| Lower and upper explosion limit   |   |
| Lower explosion limit   | Not applicable.                               |
| Upper explosion limit   | Not applicable.                               |
| Flash point   | 70 °C (158 °F) (DIN EN ISO 3679 Verf. B)      |
| Auto-ignition temperature   | Product is not selfigniting.                  |
| Decomposition temperature   | Not available                                 |
| pH  | 7-9   |
| Viscosity, kinematic  | > 20.5 mm <sup>2</sup> /s                     |
| Viscosity, dynamic  | Not determined.                               |
| Solubility  |   |
| water.  | Not miscible or difficult to mix.             |
| Partition coefficient n-octanol/water (Log Kow)                               | Not determined.                               |
| Vapour pressure at 20 °C (68 °F):   | 23 hPa (17.3 mm Hg)                           |
| Density   | Not available                                 |
| density at 20°C   | 1.5 g/cm <sup>3</sup> (12.52 lbs/gal)         |
| Relative density  | Not determined.                               |
| Vapour density  | Not determined.                               |
| Other information   |   |
| Appearance:   |   |
| Form:   | Pasty   |
| Important information on protection of health and environment, and on safety. |   |
| Explosive properties:   | Product does not present an explosion hazard. |
| Solvent content:  |   |
| VOC (EC)  | 15.50 %                                       |
| Change in condition   |   |
| Softening point/range   |   |
| Oxidising properties  | Not determined.                               |
| Evaporation rate  | Not determined.                               |
| Information with regard to physical hazard classes                            |   |
| Explosives  | Void  |

|   |      |
|---|------|
| Flammable gases   | Void |
| Aerosols  | Void |
| Oxidising gases   | Void |
| Gases under pressure  | Void |
| Flammable liquids   | Void |
| Flammable solids  | Void |
| Self-reactive substances and mixtures                                     | Void |
| Pyrophoric liquids  | Void |
| Pyrophoric solids   | Void |
| Self-heating substances and mixtures                                      | Void |
| Substances and mixtures, which emit flammable gases in contact with water | Void |
| Oxidising liquids   | Void |
| Oxidising solids  | Void |
| Organic peroxides   | Void |
| Corrosive to metals   | Void |
| Desensitised explosives   | Void |

## 10- STABILITY AND REACTIVITY

**Reactivity** None under normal conditions.

**Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11- TOXICOLOGICAL INFORMATION

**Information on hazard classes as defined in Regulation (EC) No 1272/2008**

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

|   |            |                               |
|---|------------|-------------------------------|
| <b>LD/LC50 values relevant for classification:</b>                        |            |                               |
| CAS: 64741-89-5 Distillates (petroleum), solvent-refined light paraffinic |            |                               |
| Oral  | LD50       | >5,000 mg/kg (rat) (OECD 401) |
| Dermal  | LD50       | >2,000 mg/kg (rab) (OECD 402) |
| Inhalative  | LC50 / 4 h | >5 mg/l (rat) (OECD 403)      |

|   |            |                     |
|---|------------|---------------------|
| CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one |            |                     |
| Oral  | LD50       | 670-784 mg/kg (rat) |
| Dermal                                      | LD50       | >2,000 mg/kg (rat)  |
| Inhalative                                  | LC50 / 4 h | 0.5 mg/l (rat)      |

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

**Serious eye damage/irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

**Reproductive toxicity** 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.

**Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

## 12 – ECOLOGICAL INFORMATION

### Toxicity

|   |   |
|---|---|
| <b>Aquatic toxicity:</b>  |   |
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, (< 2% aromatics)   |   |
| LL50 (24h)  | >1,000 mg/l (fi)                            |
| LL50 (48h)  | >1,000 mg/l (fi)                            |
| CAS: 64741-89-5 Distillates (petroleum), solvent-refined light paraffinic |   |
| LC50  | >100 mg/l (fi)                              |
| EC50 (48h)  | >10,000 mg/l (daphnia) (OECD 202)           |
| CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one                               |   |
| LC50/96h  | 2.2 mg/l (Oncorhynchus mykiss)              |
| EC50 (48h) (static)   | 0.643 mg/l (daphnia)                        |
| EC50 (72h)  | 0.11 mg/l (Selenastrum capricornutum)       |
| EC50 (96h) (static)   | 0.9893 mg/l (Mysidopsis bahia)              |
| NOEC (72h)  | 0.04 mg/l (Selenastrum capricornutum)       |
| NOEC (96h) (static)   | 0.25 mg/l (Mysidopsis bahia)                |
| NOEC (21d)  | 1.2 mg/l (daphnia)                          |
| NOEC (28d)  | 0.21 mg/l (Oncorhynchus mykiss)             |
| ErC50 (72h)   | 0.15 mg/l (Pseudokirchneriella subcapitata) |

### Persistence and degradability

**CAS: 68439-49-6 alcohols, C16-18, ethoxylated**

- degradability >60 %  
**Bioaccumulative potential** No further relevant information available.  
**Mobility in soil** No further relevant information available.  
**Results of PBT and vPvB assessment**  
PBT: Not applicable.  
PvB: Not applicable.  
**Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.  
**Other adverse effects**  
**Additional ecological information:**  
**General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13- DISPOSAL CONSIDERATION

#### **Waste treatment methods**

**Recommendation** Disposal must be made according to official regulations.

#### **Waste disposal key:**

Waste codes should be determined in consultation with the customer, supplier and disposal.

#### **Uncleaned packaging:**

##### **Recommendation:**

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

### 14- TRANSPORT INFORMATION

In accordance with ADR / IMDG / IATA / ADN / RID

**UN number or ID number:** Not regulated

**UN proper shipping name:** Not regulated.

**Transport hazard class(es):** Not regulated.

**Packing group:** Not regulated.

#### **Environmental hazards**

**Environmental hazards:** Not regulated.

**Marine pollutant:** No

**Special precautions for user** Not applicable.

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

**UN "Model Regulation":** Not applicable.



## ■ 15 – REGULATORY INFORMATION

Regulation 1907/2006/EC, REACH concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals.

Regulation 453/2010/EU, REACH as amended.

Regulation 1272/2008/EC, on Classification, Labelling and Packaging of substances and mixtures.

**Directive 2012/18/EU**

**Named dangerous substances** - ANNEX I None of the ingredients is listed.

**DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16-OTHER INFORMATION

The details of the safety data sheet apply only to the product described in the context of its intended use. The information is based on the current state of our knowledge. It is intended to describe our product in view of the risks posed by it and the relevant precautionary measures. It does not represent an assurance of product and quality characteristics. The information in this safety data sheet is required under Article 31 and Annex II of Regulation EC (VO) no. 1907/2006.

### **Relevant phrases**

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

- H412 Harmful to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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 Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

The information contained in these sheets is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects and should not be construed as any guarantee of technical performance or suitability for particular applications.