

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 of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

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

Mixtures

Description: Mixture: consisting of the following components.

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

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

4- FIRST - AID MEASURES

Description of first aid measures

General information: No special measures required.

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

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

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 according to symptoms.

5- FIRE - FIGHTING MEASURE

Extinguishing media

Suitable extinguishing agents: Water spray, foam, dry powder or carbon dioxide.

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture: Nitrogen oxides (NO_x)

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.

Information about fire - and explosion protection: No special measures required.

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.

DNELs		
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, inhalativ	1.2 mg/m ³ (general population)
	DNEL, worker, inhalativ	6.81 mg/m ³ (worker)

PNECs	
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:	Not determined.
Upper:	Not determined.
Flash point:	70 °C (158 °F) (DIN EN ISO 3679 Verf. B)
Auto-ignition temperature:	Product is not selfigniting.
Decomposition temperature:	Not determined.
pH at 20 °C (68 °F):	7-9
Viscosity:	
Kinematic viscosity at 40 °C (104 °F):	> 20.5 mm ² /s
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value):	Not determined.
Vapour pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
Density and/or relative density	
Density at 20 °C (68 °F):	1.5 g/cm ³ (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.

LD/LC50 values relevant for classification:

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)
<p>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 sensitization: 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.</p>		
Information on other hazards		
Endocrine disrupting properties		
None of the ingredients is listed.		

12 – ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity:	
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 (Senastrum capricornutum)
EC50 (96h) (static)	0.9893 mg/l (Mysidopsis bahia)
NOEC (72h)	0.04 mg/l (Senastrum 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.

vPvB: 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.

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
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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

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.