

**SAFETY DATA SHEET**  
**according to Regulation (EC) No 1907/2006 (REACH) as amended**

Revision date: 28.07.2021

**1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/  
UNDERTAKING**

**Product details**

**Trade name:** Plastic cleaner

**Article number:** 49741

**Substance / mixture:** mixture

**Relevant identified uses of the substance or mixture and uses advised against**

**Intended use:** PC-CLN-15.OTH Other cleaners for specific personal items / Product for cleaning plastic

**Mixture uses advised against:** The product should not be used in ways other than those referred in Section 1.

**Manufacturer/Supplier:** Chamäleon GmbH

Rudolf-Diesel-Straße, 8a, 69155 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 of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

**Label elements**

**Precautionary statements:**

P102 Keep out of reach of children.

P103 Read label before use.

**Other hazards:**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 907/2006 (REACH) as amended.

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

#### **Mixtures**

#### **Chemical characterization:**

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment:**

<b>Identification numbers</b>	<b>Substance name</b>	<b>Content in % weight</b>	<b>Classification according to Regulation (EC) No 1272/2008</b>	<b>Note</b>
Index: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6	ethanol	4-7	Flam. Liq. 2, H225	

Full text of all classifications and hazard statements is given in the section 16.

### **4- FIRST - AID MEASURE**

#### **Description of first aid measures:**

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

#### **If inhaled:**

Terminate the exposure immediately; move the affected person to fresh air.

#### **If on skin:**

Remove contaminated clothes.

#### **If in eyes:**

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

#### **If swallowed:**

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

**If inhaled:** Not expected.

**If on skin:** Not expected.

**If in eyes:** Not expected.

**If swallowed:** Not expected.

#### **Indication of any immediate medical attention and special treatment needed:**

Symptomatic treatment.

## **5– FIRE - FIGHTING MEASURE**

### **Extinguishing media**

#### **Suitable extinguishing media:**

Accommodate extinguishing components to the location of fire.

**Unsuitable extinguishing media:** not available

#### **Special hazards arising from the substance or mixture:**

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### **Advice for firefighters:**

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

## **6– ACCIDENTAL RELEASE MEASURE**

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

Follow the instructions in the Sections 7 and 8.

#### **Environmental precautions:**

Prevent contamination of the soil and entering surface or ground water.

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

After removal of the product, wash the contaminated site with plenty of water.

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

See the Section 7, 8 and 13.

## **7– HANDLING AND STORAGE**

### **Precautions for safe handling:**

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

**Specific end use(s):** not available

## **8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

### **Control parameters**



The mixture contains no substances for which occupational exposure limits are set.

**Exposure controls**

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

**Eye/face protection:** It is not needed.

**Skin protection:**

When handling in long-term or repeatedly, use protective gloves.

**Respiratory protection:**

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

**Thermal hazard:** Data not available.

**Environmental exposure controls:**

Observe usual measures for protection of the environment, see Section 6.

**9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Information on basic physical and chemical</b>	<b>properties</b>
<b>Physical state:</b>	<i>liquid</i>
<b>Colour:</b>	<i>slightly milky</i>
<b>Odour:</b>	<i>characteristic</i>
<b>Melting point/freezing point:</b>	<i>data not available</i>
<b>Initial boiling point and boiling range:</b>	<i>data not available</i>
<b>Flammability:</b>	<i>data not available</i>
<b>Lower and upper explosion limit:</b>	<i>data not available</i>
<b>Flash point:</b>	<i>data not available</i>
<b>Auto-ignition temperature:</b>	<i>data not available</i>
<b>Decomposition temperature:</b>	<i>data not available</i>
<b>pH:</b>	<i>7 (undiluted)</i>
<b>Kinematic viscosity:</b>	<i>data not available</i>
<b>Solubility in water:</b>	<i>soluble</i>
<b>Partition coefficient n-octanol/water (log value):</b>	<i>data not available</i>
<b>Vapour pressure:</b>	<i>data not available</i>
<b>Density and/or relative density</b>	
<b>Density:</b>	<i>0,99 g/cm<sup>3</sup></i>
<b>Relative vapour density:</b>	<i>data not available</i>
<b>Particle characteristics:</b>	<i>data not available</i>
<b>Form:</b>	

**Other information:** not available

## **10- STABILITY AND REACTIVITY**

**Reactivity:** not available

**Chemical stability:** The product is stable under normal conditions.

**Possibility of hazardous reactions:** Unknown.

**Conditions to avoid:**

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

**Incompatible materials:**

Protect against strong acids, bases and oxidizing agents.

**Hazardous decomposition products:**

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## **11- TOXICOLOGICAL INFORMATION**

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

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

**Acute toxicity:**

Based on available data the classification criteria are not met.

**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.

**Toxicity for specific target organ - single exposure:**

Based on available data the classification criteria are not met.

**Toxicity for specific target organ - 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:** not available

## **12 – ECOLOGICAL INFORMATION**

### **Toxicity**

**Acute toxicity:** Data for the mixture are not available.

**Persistence and degradability:** not available

**Bioaccumulative potential:** Data not available.

**Mobility in soil:** Data not available.

### **Results of PBT and vPvB assessment:**

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

**Endocrine disrupting properties:** not available

**Other adverse effects:** Data not available.

## **13– DISPOSAL CONSIDERATION**

### **Waste treatment methods**

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorized for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

### **Waste management legislation:**

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

Decision 2000/532/EC establishing a list of wastes, as amended.

## **14– TRANSPORT INFORMATION**

### **UN number or ID number:**

not subject to transport regulations

### **UN proper shipping name:**

not relevant

### **Transport hazard class(es):**

not relevant

### **Packing group:**

not relevant

**Environmental hazards:**

not available

**Special precautions for user:**

Reference in the Sections 4 to 8.

**Maritime transport in bulk according to IMO instruments:**

not relevant

**15 – REGULATORY INFORMATION****Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th 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, as amended.

**Chemical safety assessment:** not available**16-OTHER INFORMATION****A list of standard risk phrases used in the safety data sheet:**

H225 Highly flammable liquid and vapour.

**Guidelines for safe handling used in the safety data sheet:**

P103 Read label before use.

P102 Keep out of reach of children.

**Other important information about human health protection:**

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

**Key to abbreviations and acronyms used in the safety data sheet:**

ADR European agreement concerning the international carriage of dangerous goods by road

BCF Bioconcentration Factor

CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

EC Identification code for each substance listed in EINECS

EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan  
EU European Union  
EuPCS European Product Categorisation System  
IATA International Air Transport Association  
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals  
ICAO International Civil Aviation Organization  
IMDG International Maritime Dangerous Goods  
INCI International Nomenclature of Cosmetic Ingredients  
ISO International Organization for Standardization  
IUPAC International Union of Pure and Applied Chemistry  
log Kow Octanol-water partition coefficient  
MARPOL International Convention for the Prevention of Pollution from Ships  
OEL Occupational Exposure Limits  
PBT Persistent, Bioaccumulative and Toxic  
ppm Parts per million  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID Agreement on the transport of dangerous goods by rail  
UN Four-figure identification number of the substance or article taken from the UN  
Model Regulations  
UVCB Substances of unknown or variable composition, complex reaction products or biological materials  
VOC Volatile organic compounds  
vPvB Very Persistent and very Bioaccumulative  
Flam. Liq. Flammable liquid

**Training guidelines:**

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

**Recommended restrictions of use:**

not available

**Information about data sources used to compile the Safety Data Sheet**

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available – information from registration dossiers.

**More information:**

Classification procedure - calculation method.

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.