Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 01.12.2021 Version No: 1.00 Revision: 01.12.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· **1.1 Product identifier**

· **Trade name: CHEMLINQ™ RCS 320| Rubber Cleaning Sheet**

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

· **Application of the substance / the preparation:** Cleaning material / Detergent

· **Uses advised against:** No further relevant information available.

· **1.3 Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
CAPLINQ Europe BV
De Trompet 1126
1967 DA Heemskerk
The Netherland
+31 20 893 2224
reach@caplinq.com

CAPLINQ Corporation
957 Snowshoe Crescent
Ottawa, ON K1C 2Y3
Canada
+1 (613) 482 2215

· **1.4 Emergency telephone number:** +31 20 893 2224

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the CLP regulation.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008** Void
· **Hazard pictograms** Void
· **Signal word** Void
· **Hazard statements** Void
· **Additional information:**
EUH210 Safety data sheet available on request.
EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not determined.
· **vPvB:** Not determined.

SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
· **Description:**

CAS: 13463-67-7 titanium dioxide 1 - 2%
EC number: 236-675-5

· **Dangerous components:**

CAS: 25155-25-3 di-t-butyl peroxide cumene (not more than 42%, and inert solid not less than 58%) 5 - 10%
Self-react. D, H242; Aquatic Chronic 4, H413

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

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SECTION 4: First aid measures

· **4.1 Description of first aid measures**
· **General information:**
Take affected persons out of danger area and lay down.
In case of irregular breathing or respiratory arrest provide artificial respiration.
· **After inhalation:** Supply fresh air.
· **After skin contact:** Generally the product does not irritate the skin.
· **After eye contact:**
Rinse opened eye for several minutes under running water.
Remove contact lenses, if present and easy to do. Continue rinsing.
· **After swallowing:** Rinse out mouth and then drink plenty of water.
· **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
· **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

· **5.1 Extinguishing media**
· **Suitable extinguishing agents:**
CO_2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire extinguishing methods suitable to surrounding conditions.
· **For safety reasons unsuitable extinguishing agents:** Water with full jet
· **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
In case of fire, the following can be released:
Carbon monoxide
Carbon dioxide
· **5.3 Advice for firefighters**
· **Protective equipment:** Wear self-contained respiratory protective device.
· **Additional information**
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Wear protective clothing.
Avoid formation of dust.
Keep away from ignition sources.
· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Pick up mechanically.
Dispose of the material collected according to regulations.
· **6.4 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.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling**
Prevent formation of dust.
Any unavoidable deposit of dust must be regularly removed.
Ensure good ventilation/exhaustion at the workplace.

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· **Information about fire and explosion protection:**
Dust can combine with air to form an explosive mixture.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Protect from heat.

· **7.2 Conditions for safe storage, including any incompatibilities**
· **Storage:**
· **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
· **Information about storage in one common storage facility:**
Store away from oxidising agents.
Do not store together with alkalis (caustic solutions).
Do not store together with acids.
Store away from metals.
· **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

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

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**
· **Ingredients with limit values that require monitoring at the workplace:**

CAS: 13463-67-7 titanium dioxide
OEL (Ireland) Long-term value: 10* 4** mg/m³
*total inhalable **respirable dust

· **8.2 Exposure controls**
· **Individual protection measures, such as personal protective equipment**
· **General protective and hygienic measures:**
Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and feed.
The usual precautionary measures are to be adhered to when handling chemicals.
· **Respiratory protection:** Not necessary if room is well-ventilated.
· **Hand protection**



Protective gloves

Only use chemical-protective gloves with CE-labelling of category III.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
· **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
· **Penetration time of glove material**
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

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**
· **General Information**

· **Physical state**	Solid
· **Form:**	Solid material
· **Colour:**	White

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· **Odour:**	Amine-like
· **Odour threshold:**	Not determined.
· **Melting point/freezing point:**	Not determined.
· **Boiling point or initial boiling point and boiling range**	Not applicable.
· **Flammability**	Not determined.
· **Lower and upper explosion limit**	
· **Lower:**	Not applicable.
· **Upper:**	Not applicable.
· **Flash point:**	Not determined.
· **Ignition temperature:**	Not determined.
· **Decomposition temperature:**	Not determined.
· **pH**	Not applicable.
· **Viscosity:**	
· **Kinematic viscosity**	Not applicable.
· **Dynamic:**	Not applicable.
· **Solubility**	
· **water:**	Insoluble.

· **Partition coefficient n-octanol/water (log value)**
25155-25-3 di-t-butyl peroxide cumene (not more than 42%, and inert solid not less than 58%) > 5,5 (logPow)

· **Vapour pressure at 20 °C:**	0.01 mmHg
· **Density and/or relative density**	
· **Density at 20 °C:**	1.2 ± 0.05 g/cm³
· **Relative density**	Not determined.
· **Vapour density**	Not applicable.
· **Relative gas density**	Not applicable.
· **Particle characteristics**	See item 3.
· **9.2 Other information**	
· **Explosive properties:**	Product does not present an explosion hazard.
· **Oxidising properties**	No
· **Evaporation rate**	Not applicable.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.
· **10.2 Chemical stability** No decomposition if used and stored according to specifications.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** Keep away from heat and direct sunlight.
· **10.5 Incompatible materials:**
Reducing agent
Reacts with strong acids and alkali.
Reacts with heavy metals.
· **10.6 Hazardous decomposition products:** Methane

SECTION 11: Toxicological information

· **11.1 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: 25155-25-3 di-t-butyl peroxide cumene (not more than 42%, and inert solid not less than 58%)

Oral	LD50	> 2000 mg/kg (Rat) (OECD Guideline 423)
Dermal	LD50	> 2000 mg/kg (Rat) (OECD Guideline 402)

CAS: 13463-67-7 titanium dioxide

Oral	LD50	> 2000 mg/kg (Rat)

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Inhalative LC50 (4h) > 6.82 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.
· **11.2 Information on other hazards**
· **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

· **12.1 Toxicity**
· **Aquatic toxicity:**

CAS: 25155-25-3 di-t-butyl peroxide cumene (not more than 42%, and inert solid not less than 58%)

LC50 (96h)	750 mg/L (Fish) (OECD Guideline 203, Pimephales promelas)
EC50 (48h) (static)	> 1 mg/L (Daphnia) (OECD Guideline 202, Daphnia magna)
EC50 (72h) (static)	> 1 mg/L (Algae) (OECD Guideline 201,Pseudokirchneriella subcapitata)
NOEC (static)	> 1000 mg/L (Bacteria) (OECD Guideline 209, activated sludge)

· **12.2 Persistence and degradability**

25155-25-3 di-t-butyl peroxide cumene (not more than 42%, and inert solid not less than 58%) 0% @ 28d (OECD Guideline 301 D)

· **12.3 Bioaccumulative potential**

25155-25-3 di-t-butyl peroxide cumene (not more than 42%, and inert solid not less than 58%) 45,294 (BCF)

· **12.4 Mobility in soil** No further relevant information available.

· **12.5 Results of PBT and vPvB assessment** Not determined.
· **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.

· **12.7 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**
· **Recommendation:** Must be specially treated adhering to official regulations.

· **Uncleaned packaging**
· **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

· **14.1 UN number or ID number**
· **ADR/RID/ADN, IMDG, IATA** Void
· **14.2 UN proper shipping name**
· **ADR/RID/ADN, IMDG, IATA** Void
· **14.3 Transport hazard class(es)**
· **ADR/RID/ADN, IMDG, IATA**
· **Class** Void

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· **14.4 Packing group**
· **ADR/RID/ADN, IMDG, IATA** Void
· **14.5 Environmental hazards:** Not applicable.
· **14.6 Special precautions for user** Not applicable.
· **14.7 Maritime transport in bulk according to IMO instruments** Not applicable.
· **Transport/Additional information:** Not dangerous according to the above specifications.
· **UN "Model Regulation":** Void

SECTION 15: Regulatory information

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

· **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.

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

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**
H242 Heating may cause a fire.
H413 May cause long lasting harmful effects to aquatic life.
· **Date of previous version:** 01.12.2021

· **Abbreviations and acronyms:**
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
MARPOL: (from Marine Pollutant) International Convention for the Prevention of Marine Pollution from Ships
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
UN: United Nations (also UNO: United Nations Organization)
NOEC: No Observed Effect Concentration
OECD: Organisation for Economic Co-operation and Development
ASTM: American Society for Testing and Materials
WAF: Water Accommodated Fraction
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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic

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vPvB: very Persistent and very Bioaccumulative
Self-react. D: Self-reactive substances and mixtures – Type C/D
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4