

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Seal-it® 510 CLEANER

Revision date: 02.05.2022

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

##### 1.1. Product identifier

Seal-it® 510 CLEANER

**Product code:**

SI-510-000-1000

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of the substance/mixture**

Cleaning agent

##### 1.3. Details of the supplier of the safety data sheet

Company name:	Connect Products B.V.	
Street:	Duurzaamheidsring 220	
Place:	4231 EX Meerkerk	
Telephone:	+31 (0)183 731 400	Telefax: +31 (0)347 341 645
e-mail:	info@connectproducts.nl	
Internet:	https://www.connectproducts.nl	

##### 1.4. Emergency telephone number:

+31 (0)183 731 400

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

**Regulation (EC) No 1272/2008**

Flam. Liq. 2; H225  
Asp. Tox. 1; H304  
Skin Irrit. 2; H315  
STOT SE 3; H336  
Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

##### 2.2. Label elements

**Regulation (EC) No 1272/2008**

**Hazard components for labelling**

Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

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### Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P331	Do NOT induce vomiting.
P405	Store locked up.
P501	Dispose of waste according to applicable legislation.

### 2.3. Other hazards

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
	Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane			95 - < 100 %
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			

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

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
	921-024-6	Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane	95 - < 100 %
	inhalation: LC50 = > 25 mg/l (vapours); dermal: LD50 = > 2920 mg/kg; oral: LD50 = > 5840 mg/kg		

#### Labelling for contents according to Regulation (EC) No 648/2004

>= 30 % aliphatic hydrocarbons.

#### Further Information

Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane:  
Concentration (Benzene): < 0,1 %

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

First aider: Pay attention to self-protection!  
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 immediately all contaminated clothing. In case of skin reactions, consult a physician.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

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### After ingestion

Rinse mouth. Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Get immediate medical advice/attention.

### 4.2. Most important symptoms and effects, both acute and delayed

Headache, Dizziness, Narcotic effects, depression of central nervous system.  
Irritating to skin. Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water spray jet.  
In case of major fire and large quantities: Water spray jet, alcohol resistant foam.  
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

Highly flammable. Vapours can form explosive mixtures with air.  
In case of fire may be liberated: Pyrolysis products, toxic

### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protection suit.

### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Temperature Class: T 3 (DIN 57165)

Explosion group: II A/B (DIN 57165)

Fire class: B (Fires of liquids or liquid turning substances)

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Evacuate area.

#### For non-emergency personnel

Remove all sources of ignition. Provide adequate ventilation. Use personal protection equipment.

#### For emergency responders

Use personal protection equipment.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

### 6.3. Methods and material for containment and cleaning up

#### For containment

Stop leak if safe to do so. Cover drains.

#### For 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. Ventilate affected area.

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### Other information

Use non-sparking tools.  
Clean contaminated articles and floor according to the environmental legislation.

### 6.4. Reference to other sections

Safe handling: see section 7  
Personal protection equipment: see section 8  
Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.  
Use personal protection equipment.

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

#### Advice on general occupational hygiene

Take off contaminated clothing. Draw up and observe skin protection programme. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep/Store only in original container.

#### Hints on joint storage

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.  
Keep away from food, drink and animal feedingstuffs.

#### Further information on storage conditions

Keep away from heat. Protect from direct sunlight.

### 7.3. Specific end use(s)

Cleaning agent

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
	Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane			
	Worker DNEL, long-term	dermal	systemic	773 mg/kg bw/day
	Worker DNEL, long-term	inhalation	systemic	2035 mg/m <sup>3</sup>
	Consumer DNEL, long-term	dermal	systemic	699 mg/kg bw/day
	Consumer DNEL, long-term	inhalation	systemic	608 mg/m <sup>3</sup>
	Consumer DNEL, long-term	oral	systemic	699 mg/kg bw/day

#### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls

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### Appropriate engineering controls

Provide adequate ventilation as well as local exhaustion at critical locations.

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

#### Eye/face protection

Use eye protection according to EN 166.

#### Hand protection

Wear suitable gloves tested to EN374.

Suitable material: NBR (Nitrile rubber), CR (polychloroprene, chloroprene rubber).

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.

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Respiratory protection necessary at: exceeding exposure limit values.

Filtering device (full mask or mouthpiece) with filter: A

#### Thermal hazards

Flame-retardant protective clothing. Wear anti-static footwear and clothing

#### Environmental exposure controls

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

Physical state:	Liquid
Colour:	colourless
Odour:	like: Gasoline
Odour threshold:	not determined

#### Changes in the physical state

Melting point/freezing point:	< -20 °C
Boiling point or initial boiling point and boiling range:	60 °C
Flash point:	< 0 °C

#### Flammability

Solid/liquid:	not applicable
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature:	367 °C
Decomposition temperature:	not determined

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pH-Value:	not determined
Viscosity / dynamic:	2,5 mPa·s
Viscosity / kinematic:	not determined
Water solubility:	practically insoluble
<b>Solubility in other solvents</b>	
not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	85 hPa
Density:	0,71 g/cm <sup>3</sup>
Relative vapour density:	not determined
Particle characteristics:	not applicable

### 9.2. Other information

#### Other safety characteristics

Danger of explosion: Vapours can form explosive mixtures with air.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Highly flammable.

### 10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Vapours can form explosive mixtures with air.

### 10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Heat. UV-radiation/sunlight.

### 10.5. Incompatible materials

Oxidizing agent. Pyrophoric or self-heating substances.

### 10.6. Hazardous decomposition products

In case of fire may be liberated: Pyrolysis products, toxic

## 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.

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane				
	oral	LD50 > 5840 mg/kg	Rat	Manufacturer	
	dermal	LD50 > 2920 mg/kg	Rabbit	Manufacturer	
	inhalation (4 h) vapour	LC50 > 25 mg/l	Rat	Manufacturer	

#### Irritation and corrosivity

Causes skin irritation.

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

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**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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

**STOT-single exposure**

May cause drowsiness or dizziness. (Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, &lt; 5 % n-hexane)

**STOT-repeated exposure**

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

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Information on likely routes of exposure**

oral, Skin contact, Eye contact, Inhalation.

**11.2. Information on other hazards****Endocrine disrupting properties**

No information available.

**Other information**

Headache, Dizziness, Narcotic effects, depression of central nervous system. Irritation to respiratory tract.

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

**SECTION 12: Ecological information****12.1. Toxicity**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
	Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane					
	Acute fish toxicity	LC50	11,4 mg/l	96 h	Oncorhynchus mykiss (Rainbow trout)	Manufacturer
	Acute algae toxicity	ErC50 mg/l	30 - 100	72 h	Pseudokirchneriella subcapitata	Manufacturer
	Acute crustacea toxicity	EC50	3 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna (Big water flea)	Manufacturer OECD 211

**12.2. Persistence and degradability**

The product has not been tested.

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
	Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane	3,4 - 5,2

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

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

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

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### 12.7. Other adverse effects

No information available.

### Further information

Avoid release to the environment.

## SECTION 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

Dispose of waste according to applicable legislation.

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### 14.1. UN number or ID number:

UN 3295

#### 14.2. UN proper shipping name:

HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane)

#### 14.3. Transport hazard class(es):

3

#### 14.4. Packing group:

II

Hazard label:

3



Classification code:

F1

Special Provisions:

640D

Limited quantity:

1 L

Excepted quantity:

E2

Transport category:

2

Hazard No:

33

Tunnel restriction code:

D/E

### Inland waterways transport (ADN)

#### 14.1. UN number or ID number:

UN 3295

#### 14.2. UN proper shipping name:

HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane)

#### 14.3. Transport hazard class(es):

3

#### 14.4. Packing group:

II

Hazard label:

3



Classification code:

F1

Special Provisions:

640D

Limited quantity:

1 L

Excepted quantity:

E2

### Marine transport (IMDG)

#### 14.1. UN number or ID number:

UN 3295

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**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Marine pollutant: P  
 Special Provisions: -  
 Limited quantity: 1 L  
 Excepted quantity: E2  
 EmS: F-E, S-D

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

**14.1. UN number or ID number:** UN 3295  
**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S. (Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** II  
 Hazard label: 3



Special Provisions: A3 A324  
 Limited quantity Passenger: 1 L  
 Passenger LQ: Y341  
 Excepted quantity: E2  
 IATA-packing instructions - Passenger: 353  
 IATA-max. quantity - Passenger: 5 L  
 IATA-packing instructions - Cargo: 364  
 IATA-max. quantity - Cargo: 60 L

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



Danger releasing substance: Hydrocarbons, C6-C7, n-alkanes, iso-alkanes, cyclenes, < 5 % n-hexane

### 14.6. Special precautions for user

Warning: flammable liquids.

### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

## SECTION 15: Regulatory information

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

#### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40

2010/75/EU (VOC): <= 100 %

Information according to 2012/18/EU (SEVESO III): E2 Hazardous to the Aquatic Environment

Additional information: P5c

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**Additional information**

Regulation (EC) No. 648/2004 [Detergents regulation].

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

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.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16.

**Abbreviations and acronyms**

CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 CAS: Chemical Abstracts Service  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)  
 IMDG: International Maritime Code for Dangerous Goods  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organization  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 VOC: Volatile Organic Compounds  
 SVHC: Substance of Very High Concern  
 For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

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#### Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 2; H225	On basis of test data
Asp. Tox. 1; H304	Calculation method
Skin Irrit. 2; H315	Calculation method
STOT SE 3; H336	Calculation method
Aquatic Chronic 2; H411	Calculation method

#### Relevant H and EUH statements (number and full text)

Highly flammable liquid and vapour.  
 May be fatal if swallowed and enters airways.  
 Causes skin irritation.  
 May cause drowsiness or dizziness.  
 Toxic to aquatic life with long lasting effects.

#### Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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