



# CONTACT CLEANER

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
SDS Reference Number: 7910YS1366  
Issue date: 29/08/2025 Revision date: 29/08/2025 Version: 1.0

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

### 1.1. Product identifier

Product form : Mixture  
Product name : CONTACT CLEANER  
Product code : 7910YS1366  
Type of product : Aerosol,Detergent  
Product group : Trade product

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

#### Relevant identified uses

Main use category : Consumer use,Professional use  
Use of the substance/mixture : Surface cleaner

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

YACCO SAS  
Avenue des Petits Prés - Z.I. de l'Oison - BP 2  
76320 St Pierre-lès-Elbeuf  
France  
T 0033 2 32.96.00.00, F 0033 2 35.78.81.87  
[contact@yacco.com](mailto:contact@yacco.com), [www.yacco.com](http://www.yacco.com)

### 1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Cardiff Centre) University Hospital Llandough	Penlan Road CF64 2XX	0344 892 0111	Only for healthcare professionals

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol 1 H222;H229  
Aquatic Chronic 3 H412  
Full text of hazard classes, H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS02

Signal word (CLP)

: Danger

Hazard statements (CLP)

: H222 - Extremely flammable aerosol.  
H229 - Pressurised container: May burst if heated.  
H412 - Harmful to aquatic life with long lasting effects.  
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.

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P103 - Read carefully and follow all instructions.  
P210 - Keep away from hot surfaces, open flames, sparks, heat. – No smoking.  
P211 - Do not spray on an open flame or other ignition source.  
P251 - Pressurized container: Do not pierce or burn, even after use.  
P273 - Avoid release to the environment.  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.  
EUH-statements : EUH066 - Repeated exposure may cause skin dryness or cracking.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9), Hydrocarbons, C9, aromatics (128601-23-0)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9), Hydrocarbons, C9, aromatics (128601-23-0)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (Note P)	CAS-No.: 64742-48-9 EC-No.: 918-481-9 EC Index-No.: 649-327-00-6 REACH-no: 01-2119457273-39	$\geq 50$	Muta. 1B, H340 Carc. 1B, H350 Asp. Tox. 1, H304
butane (Note C)(Note U)	CAS-No.: 106-97-8 EC-No.: 203-448-7 EC Index-No.: 601-004-00-0 REACH-no: 01-2119474691-32	25 – 50	Flam. Gas 1A, H220 Press. Gas
Distillates (petroleum), hydrotreated heavy paraffinic (Note L)	CAS-No.: 64742-54-7 EC-No.: 265-157-1 EC Index-No.: 649-467-00-8 REACH-no: 01-2119484627-25	25 – 50	Asp. Tox. 1, H304
Hydrocarbons, C9, aromatics	CAS-No.: 128601-23-0 EC-No.: 918-668-5 REACH-no: 01-2119455851-35	10 – 25	Asp. Tox. 1, H304 Flam. Liq. 3, H226 STOT SE 3, H335 STOT SE 3, H336 Aquatic Chronic 2, H411 EUH066
propane (Note U)	CAS-No.: 74-98-6 EC-No.: 200-827-9 EC Index-No.: 601-003-00-5 REACH-no: 01-2119486944-21	2,5 – 10	Flam. Gas 1A, H220 Press. Gas

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
isobutane (Note C)(Note U)	CAS-No.: 75-28-5 EC-No.: 200-857-2 EC Index-No.: 601-004-00-0 REACH-no: 01-2119474691-32	1 – 2,5	Flam. Gas 1A, H220 Press. Gas
2,6-di-tert-butyl-p-cresol	CAS-No.: 128-37-0 EC-No.: 204-881-4 REACH-no: 01-2119565113-46	< 1	Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410
Butadiene 1,3 (Note D)(Note U)	CAS-No.: 106-99-0 EC-No.: 203-450-8 EC Index-No.: 601-013-00-X	< 1	Flam. Gas 1A, H220 Muta. 1B, H340 Carc. 1A, H350

Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.

Note D: Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Note L: The harmonised classification as a carcinogen applies unless it can be shown that the substance contains less than 3 % of dimethyl sulphoxide extract as measured by IP 346 ("Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions – Dimethyl sulphoxide extraction refractive index method" Institute of Petroleum, London), in which case a classification in accordance with Title II of this Regulation shall be performed also for that hazard class.

Note P: Note P : The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7). When the substance is not classified as a carcinogen at least the precautionary statements (P102-)P260-P262- P301 + P310-P331 (Table 3.1) or the S-phrases (2-)23-24-62 (Table 3.2) shall apply. This note applies only to certain complex oil-derived substances in Part 3.

Note U: When put on the market gases have to be classified as 'Gases under pressure', in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned: Press. Gas (Comp.), Press. Gas (Liq.), Press. Gas (Ref. Liq.), Press. Gas (Diss.). Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
First-aid measures after inhalation	: Move to fresh air. If symptoms persist, call a physician.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Be careful, the product may remain trapped under clothing, footwear or a wrist-watch. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Consult an ophthalmologist if irritation persists.
First-aid measures after ingestion	: Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label. If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person.

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

Symptoms/effects after skin contact	: Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after ingestion	: May result in aspiration into the lungs, causing chemical pneumonia. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

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

Aspiration of this material may cause chemical pneumonia. May result in aspiration into the lungs, causing chemical pneumonia. In the event of exposure to high concentrations : Cardiac disorders. Do not administer adrenalin. Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- |                                |  |
|--------------------------------|--|
| Suitable extinguishing media   | : Water spray. AFFF foam. Halons. Foam. Powder. ABC-powder. BC-powder. Carbon dioxide. |
| Unsuitable extinguishing media | : Do not use water jet.  |

### 5.2. Special hazards arising from the substance or mixture

- |  |   |
|--|---|
| Hazardous decomposition products in case of fire | : Fire will produce dense black smoke. Decomposition products may be a hazard to health. Do not breathe gas/fumes. May release : Carbon monoxide, Carbon dioxide. |
|--|---|

### 5.3. Advice for firefighters

- |                                |   |
|--------------------------------|---|
| Firefighting instructions      | : Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers. Suppress the vapours given off, with vaporised water. |
| Protection during firefighting | : Self-contained breathing apparatus.   |

## SECTION 6: Accidental release measures

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

- |                  |  |
|------------------|--|
| General measures | : Ignition risk. Avoid formation of vapours. |
|------------------|--|

#### For non-emergency personnel

- |                      |  |
|----------------------|--|
| Protective equipment | : Concerning personal protective equipment to use, see section 8.  |
| Emergency procedures | : Provide adequate ventilation. Exclude sources of ignition and ventilate the area. Avoid inhalation of vapours. Avoid contact with skin and eyes. Stop leak if safe to do so. Large amounts: Evacuate personnel to a safe area. |

#### For emergency responders

- |                      |   |
|----------------------|---|
| Protective equipment | : Concerning personal protective equipment to use, see section 8. |
| Emergency procedures | : Evacuate personnel to a safe area. Ventilate spillage area.     |

### 6.2. Environmental precautions

Do not allow to enter drains or water courses. Notify authorities if product enters sewers or public waters.

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

- |                         |  |
|-------------------------|--|
| For containment         | : Collect spillage.  |
| Methods for cleaning up | : Collect the residue by means of a non-combustible absorbent material. Collect all waste in suitable and labelled containers and dispose according to local legislation. Clean preferably with a detergent - Avoid the use of solvents. Prevent product from entering drains. |

### 6.4. Reference to other sections

See Section 5. See Section 7. Concerning personal protective equipment to use, see section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- |                                   |  |
|-----------------------------------|--|
| Additional hazards when processed | : Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours. Explosive vapour/air mixtures may be formed. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. |
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Precautions for safe handling	: Ensure adequate ventilation, especially in confined areas. Do not spray on a naked flame or any incandescent material. Following use, do not pierce or burn the packaging, even if it is empty. Electrical equipment should be protected to the appropriate standard. Use only non-sparking tools. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Unauthorized persons are not admitted. Do not breathe spray. Concerning personal protective equipment to use, see section 8. Do not handle until all safety precautions have been read and understood.
Hygiene measures	: Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Technical measures	: Provide local exhaust or general room ventilation. Avoid the build-up of electrostatic charge. Proper grounding procedures to avoid static electricity should be followed.
Storage conditions	: Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep out of the reach of children. Keep containers closed. Store in dry, cool, well-ventilated area. Keep away from sources of ignition - No smoking.
Incompatible materials	: Remove all sources of ignition. Heat sources. Direct sunlight.
Storage temperature	: Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C
Storage area	: The floor of the depot should be impermeable and designed to form a water-tight basin.
Packaging materials	: Always keep in containers made of the same material as the supply container.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### National occupational exposure and biological limit values

butane (106-97-8)	
United Kingdom - Occupational Exposure Limits	
Local name	Butane
WEL TWA (OEL TWA)	1450 mg/m <sup>3</sup>
	600 ppm
WEL STEL (OEL STEL)	1810 mg/m <sup>3</sup>
	750 ppm
Remark	Carc (Capable of causing cancer and/or heritable genetic damage, only applies if Butane contains more than 0.1% of buta-1,3-diene)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
2,6-di-tert-butyl-p-cresol (128-37-0)	
United Kingdom - Occupational Exposure Limits	
Local name	2,6-Di-tert-butyl-p-cresol
WEL TWA (OEL TWA)	10 mg/m <sup>3</sup>
WEL STEL (OEL STEL)	30 mg/m <sup>3</sup>
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
Butadiene 1,3 (106-99-0)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	1,3-Butadiene

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Butadiene 1,3 (106-99-0)	
IOEL TWA	2,2 mg/m <sup>3</sup> (BOEL)
	1 ppm (BOEL)
Regulatory reference	DIRECTIVE (EU) 2019/130 (amending Directive 2004/37/EC)
EU - Binding Occupational Exposure Limit (BOEL)	
Local name	1,3-Butadiene
BOEL TWA	2,2 mg/m <sup>3</sup>
	1 ppm
Regulatory reference	DIRECTIVE (EU) 2019/130 (amending Directive 2004/37/EC)
United Kingdom - Occupational Exposure Limits	
Local name	Buta-1,3-diene
WEL TWA (OEL TWA)	2,2 mg/m <sup>3</sup>
	1 ppm
Remark	Carc (Capable of causing cancer and/or heritable genetic damage)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

## 8.2. Exposure controls

### Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station. Take off contaminated clothing.

### Personal protection equipment

#### Personal protective equipment:

Gloves. Protective clothing.

#### Personal protective equipment symbol(s):



### Eye and face protection

#### Eye protection:

Avoid contact with eyes. Safety glasses with side shields. (EN 166)

### Skin protection

#### Skin and body protection:

Avoid contact with skin. Wear suitable protective clothing. EN 14605. EN 13034

#### Hand protection:

Chemical resistant gloves (according to European standard NF ISO 374-1 or equivalent). Time of penetration is to be checked with the glove producer

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR), Polyvinylalcohol (PVA)				EN ISO 374

### Respiratory protection

#### Respiratory protection:

Filtering Half-face mask (DIN EN 149). (FFP1). Gas/vapour filter. EN 14387. respirator with combination filter for vapour/particles. EN 143

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### Environmental exposure controls

#### Environmental exposure controls:

SECTION 6. See Section 7. See Section 12. See Section 13.

#### Other information:

Do not eat, drink or smoke during use.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: Yellow. amber.
Appearance	: Aerosols.
Odour	: Not available
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not available
Boiling point	: 179 °C
Flammability	: Not available
Lower explosion limit	: 0,5 vol %
Upper explosion limit	: 6 vol %
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: < 7 mm²/s (40°C)
Solubility	: Water: Insoluble
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: > 3 bar
Density	: 812 g/l (20 °C) [ISO 3507]
Relative density	: Not available
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

### 10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. All heat sources, including direct sunlight.

### 10.5. Incompatible materials

Acids. Bases. Prevent contact with moisture to minimize corrosion.

### 10.6. Hazardous decomposition products

Thermal decomposition generates : Carbon monoxide, Carbon dioxide, fume, Nitrogen oxides.

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### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

#### Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

LD50 oral rat	> 5000 mg/kg (OECD 401)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 4,951 g/m <sup>3</sup> (4h, OECD 403)
LC50 Inhalation - Rat (Dust/Mist)	> 5610 mg/l

#### Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)

LD50 oral rat	> 5000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	> 2000 mg/kg (OECD 402 method)
LC50 Inhalation - Rat	> 5000 mg/m <sup>3</sup> (4h) (OECD 403 method)

#### Hydrocarbons, C9, aromatics (128601-23-0)

LD50 oral rat	3492 mg/kg (OECD 401 method)
LD50 dermal rabbit	> 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 6,193 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

#### propane (74-98-6)

LD50 oral rat	≥ 5000 mg/kg
LD50 dermal rabbit	≥ 5000 mg/kg
LC50 Inhalation - Rat	≥ 50 mg/l/4h

#### 2,6-di-tert-butyl-p-cresol (128-37-0)

LD50 oral rat	> 2930 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met)
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met)
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)

#### 2,6-di-tert-butyl-p-cresol (128-37-0)

NOAEL (chronic, oral, animal/male, 2 years)	25 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:Effect type: toxicity (migrated information)
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Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)

#### Hydrocarbons, C9, aromatics (128601-23-0)

STOT-single exposure	May cause respiratory irritation. May cause drowsiness or dizziness.
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STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	
LOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	> 0,98 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)

Hydrocarbons, C9, aromatics (128601-23-0)	
NOAEL (oral, rat, 90 days)	600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

2,6-di-tert-butyl-p-cresol (128-37-0)	
LOAEL (oral, rat, 90 days)	100 mg/kg bodyweight Animal: rat, Animal sex: male
NOAEL (oral, rat, 90 days)	25 mg/kg bodyweight Animal: rat, Animal sex: male

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

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Viscosity, kinematic	< 7 mm²/s (40°C)

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
Viscosity, kinematic	1,8 mm²/s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm²/s)'

Hydrocarbons, C9, aromatics (128601-23-0)	
Viscosity, kinematic	1,06 mm²/s Temp.: '20°C' Parameter: 'cStcSt'

### 11.2. Information on other hazards

#### Other information

Potential adverse human health effects and symptoms : Exposure to organic solvent vapours above the indicated exposure limits may result in adverse health effects such as irritation of mucous membranes, Irritation of the nasal mucous membranes, Damage to kidneys and liver, CNS depression. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Prolonged or repeated contacts may cause dermatitis by loss of natural skin fats. Splashes in the eyes may cause irritation and reversible local damage

## SECTION 12: Ecological information

### 12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified (Based on available data, the classification criteria are not met)

Hazardous to the aquatic environment, long-term (chronic) : Harmful to aquatic life with long lasting effects.

Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
LC50 - Fish [1]	> 1000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l (Daphnia magna, 48h) [OECD 202]
EC50 - Other aquatic organisms [1]	> 1000 mg/l waterflea
EC50 - Other aquatic organisms [2]	> 1000 mg/l
ErC50 algae	> 1000 mg/l (Pseudokirchnerella subcapitata, 72h) [OECD 201]
NOEC chronic fish	0,1 mg/l (Oncorhynchus mykiss, 28d)
NOEC chronic crustacea	0,18 mg/l (Daphnia magna, 21d)
LC0, acute, Oncorhynchus mykiss	= 1000 mg/l

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<b>Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-48-9)</b>	
EC0, acute, daphnia	1000 mg/l
EC0, acute, <i>Pseudokirchneriella subcapitata</i>	= 1000 mg/l
<b>Hydrocarbons, C9, aromatics (128601-23-0)</b>	
LC50 - Fish [1]	9,2 mg/l ( <i>Oncorhynchus mykiss</i> ; 96h) [OECD 203]
EC50 - Crustacea [1]	3,2 mg/l ( <i>Daphnia magna</i> ; 48h) [OECD 202]
EC50 72h - Algae [1]	0,42 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> )
EC50 72h - Algae [2]	0,29 mg/l Test organisms (species): <i>Pseudokirchneriella subcapitata</i> (previous names: <i>Raphidocelis subcapitata</i> , <i>Selenastrum capricornutum</i> )
ErC50 algae	2,9 mg/l (72h, <i>Pseudokirchneriella subcapitata</i> )
NOEC (acute)	1 mg/l (72h, <i>Pseudokirchneriella subcapitata</i> )
<b>2,6-di-tert-butyl-p-cresol (128-37-0)</b>	
LC50 - Fish [1]	> 0,57 mg/l Test organisms (species): <i>Danio rerio</i> (previous name: <i>Brachydanio rerio</i> )
EC50 - Crustacea [1]	0,48 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 72h - Algae [1]	> 0,4 mg/l Test organisms (species): <i>Desmodesmus subspicatus</i> (previous name: <i>Scenedesmus subspicatus</i> )
ErC50 algae	0,5 mg/l (DESMODESMUS SUBSPICATUS; 72h)
LOEC (chronic)	1 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'
NOEC (chronic)	0,023 mg/l Test organisms (species): <i>Daphnia magna</i> Duration: '21 d'
NOEC chronic crustacea	0,069 mg/l
<b>Butadiene 1,3 (106-99-0)</b>	
LC50 - Fish [1]	45 mg/l Test organisms (species): <i>Pimephales promelas</i>
LC50 - Fish [2]	41,5 mg/l Test organisms (species): other:
EC50 - Crustacea [1]	33 mg/l Test organisms (species): <i>Daphnia magna</i>
EC50 72h - Algae [1]	33 mg/l Test organisms (species): other:
<b>12.2. Persistence and degradability</b>	
<b>CONTACT CLEANER</b>	
Persistence and degradability	Rapidly degradable
<b>Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, &lt; 2% aromatics (64742-48-9)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	80 % (28d)
<b>butane (106-97-8)</b>	
Persistence and degradability	Rapidly degradable
<b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>	
Persistence and degradability	Not rapidly degradable
<b>Hydrocarbons, C9, aromatics (128601-23-0)</b>	
Persistence and degradability	Readily biodegradable.
Biodegradation	78 % (28d)

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<b>propane (74-98-6)</b>	
Persistence and degradability	Rapidly degradable
<b>isobutane (75-28-5)</b>	
Persistence and degradability	Rapidly degradable
<b>2,6-di-tert-butyl-p-cresol (128-37-0)</b>	
Persistence and degradability	Rapidly degradable
Biodegradation	30 % (OECD 302C method)
<b>Butadiene 1,3 (106-99-0)</b>	
Persistence and degradability	Rapidly degradable

### 12.3. Bioaccumulative potential

<b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>	
Bioaccumulative potential	Potentially bioaccumulable.
<b>Hydrocarbons, C9, aromatics (128601-23-0)</b>	
Bioconcentration factor (BCF REACH)	≥ 500
Partition coefficient n-octanol/water (Log Kow)	≥ 4 Octanol/water coefficient
<b>2,6-di-tert-butyl-p-cresol (128-37-0)</b>	
BCF - Fish [1]	≥ 230 – 2500 mg/l (Cyprinus carpio, 56d, 25°C, [0.05 mg/l])
Partition coefficient n-octanol/water (Log Pow)	5,1

### 12.4. Mobility in soil

<b>Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)</b>	
Ecology - soil	Floats on water. Insoluble in water.
<b>Hydrocarbons, C9, aromatics (128601-23-0)</b>	
Ecology - soil	Extremely volatile.

### 12.5. Results of PBT and vPvB assessment

<b>Component</b>	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9), Hydrocarbons, C9, aromatics (128601-23-0)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	Hydrocarbons, C10-13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9), Hydrocarbons, C9, aromatics (128601-23-0)

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

<b>CONTACT CLEANER</b>	
Other information	Do not flush into surface water or sewer system,Avoid release to the environment.
<b>Hydrocarbons, C9, aromatics (128601-23-0)</b>	
Other information	Volatile organic compounds (VOC) : yes

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### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods	: Do not allow into drains or water courses.
Product/Packaging disposal recommendations	: Do not discharge into drains or the environment. Recycle or dispose of in compliance with current legislation. Container remains hazardous when empty. Continue to observe all precautions.
European List of Waste (LoW, EC 2000/532)	: 20 01 29* - detergents containing dangerous substances

### SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / RID

ADR	IMDG	IATA	RID
<b>14.1. UN number or ID number</b>			
UN 1950	UN 1950	UN 1950	UN 1950
<b>14.2. UN proper shipping name</b>			
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS
<b>Transport document description</b>			
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1
<b>14.3. Transport hazard class(es)</b>			
2.1	2.1	2.1	2.1
			
<b>14.4. Packing group</b>			
Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>			
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-D EmS-No. (Spillage): S-U	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available			

#### 14.6. Special precautions for user

##### Overland transport

Classification code (ADR)	: 5F
Special provisions (ADR)	: 190, 327, 344, 625
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P207, LP02
Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV12
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D

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### Transport by sea

Special provisions (IMDG)	: 63, 190, 277, 327, 344, 959
Limited quantities (IMDG)	: SP277
Excepted quantities (IMDG)	: E0
Packing instructions (IMDG)	: P207, LP02
Special packing provisions (IMDG)	: PP87, L2
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69

### Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

### Rail transport

Classification code (RID)	: 5F
Special provisions (RID)	: 190, 327, 344, 625
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P207, LP02
Special packing provisions (RID)	: PP87, RR6, L2
Mixed packing provisions (RID)	: MP9
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W14
Special provisions for carriage - Loading, unloading and handling (RID)	: CW9, CW12
Colis express (express parcels) (RID)	: CE2
Hazard identification number (RID)	: 23

### 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-Regulations

##### REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): Naphtha (petroleum), hydrotreated heavy (64742-48-9)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

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### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

### Detergent Regulation (EC 648/2004)

Labelling of contents	
Component	%
aliphatic hydrocarbons	≥30%
aromatic hydrocarbons	5-15%

### Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

## 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Training advice : Not to be used for any purpose other than the one the product was designed for.

Full text of H- and EUH-statements:	
Aerosol 1	Aerosol, Category 1
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1A	Carcinogenicity, Category 1A
Carc. 1B	Carcinogenicity, Category 1B
Flam. Gas 1A	Flammable gases, Category 1A
Flam. Liq. 3	Flammable liquids, Category 3
Muta. 1B	Germ cell mutagenicity, Category 1B
Press. Gas	Gases under pressure
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H340	May cause genetic defects.
H350	May cause cancer.

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Full text of H- and EUH-statements:	
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
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.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Aerosol 1	H222;H229	
Aquatic Chronic 3	H412	

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.