



# SAFETY DATA SHEET

Version #: 1,1  
Issue date: 17-July-2020  
Revision date: 08-December-2022  
Supersedes date: 17-July-2020

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

### 1.1. Product identifier

**Trade name or designation of the mixture** Chain Lube PRO

**Registration number** -

**Synonyms** None.

**Product code** BDS001863AE

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

**Identified uses** Lubricants

**Uses advised against** None known.

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

**Company name** CRC Industries Europe bv

**Address** Touwslagerstraat 1  
9240 Zele  
Belgium

**Telephone** +32(0)52/45.60.11

**Fax** +32(0)52/45.00.34

**E-mail** hse@crcind.com

**Website** www.crcind.com

**1.4. Emergency telephone number** Tel.: +32(0)52/45.60.11 (office hours: 9-17h CET)

**Austria National Poisons Information Centre** +431 406 4343 (Available 24 hours a day.)

**Belgium National Poisons Control Center** 070 245 245 (Available 24 hours a day.)

**Bulgaria National Toxicological Information Centre** +359 2 9154233 (Available 24 hours a day.)

**Czech Republic National Poisons Information Centre** +420 224 919 293, or +420 224 915 402 (Hours of operation not provided.)

**Denmark National Poisons Control Center** +45 82 12 12 12 (Available 24 hours a day.)

**Estonia National Poisons Information Centre** 16662 or abroad: (+372) 626 9390 (Monday 9:00AM to Saturday 9:00AM (closed on Sundays and on national holidays))

**Finland National Poison Information Center** (09) 471 977 (direct) or (09) 4711 (exchange) (Available 24 hours a day.)

**France National Poisons Control Center** ORFILA number (INRS): + 33 (0) 1 45 42 59 59 (Available 24 hours a day.)

**Hungary National Emergency Phone Number** 36 80 20 11 99 (Available 24 hours a day.)

**Lithuania Neatidėliotina informacija apsinuodijus** +370 5 236 20 52 or +37068753378 (Hours of operation not provided.)

**Malta Accident and Emergency Department** 2545 4030 (Hours of operation not provided.)

<b>Netherlands National Poisons Information Center (NVIC)</b>	030-274 88 88 (Only for the purpose of informing medical personnel in cases of acute intoxications)
<b>Norway Norwegian Poison Information Center</b>	22 59 13 00 (Available 24 hours a day.)
<b>Portugal Poison Centre</b>	800 250 250 (Available 24 hours a day.)
<b>Romania Număr de telefon care poate fi apelat în caz de urgență:</b>	021 5992300, int. 291 Spitalul Clinic de Urgență București: spital@urgentafloreasca.ro
<b>Romania</b>	0265 212111, 0265 211292, 0265 217235 Spitalul Clinic Județean de Urgență Târgu Mureș: secretariat@spitjudms.ro
<b>Slovakia National Toxicological Information Centre</b>	+421 2 5477 4166 (Available 24 hours a day.)
<b>Sweden National Poison Information Center</b>	112 - and ask for Poison Information (Available 24 hours a day.)
<b>Switzerland Tox Info Suisse</b>	145 (Available 24 hours a day.)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Regulation (EC) No 1272/2008 as amended

<b>Physical hazards</b>		
Aerosols	Category 1	H222 - Extremely flammable aerosol. H229 - Pressurized container: May burst if heated.
<b>Health hazards</b>		
Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
<b>Environmental hazards</b>		
Hazardous to the aquatic environment, long-term aquatic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

#### Label according to Regulation (EC) No. 1272/2008 as amended

##### Hazard pictograms



##### Signal word

Danger

##### Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container: May burst if heated.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

##### Precautionary statements

###### Prevention

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P280	Wear protective gloves.

###### Response

Not assigned.

###### Storage

P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
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###### Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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**Supplemental label information** EUH208 - Contains Polysulphides, di-tert-Bu. May produce an allergic reaction.

**2.3. Other hazards** None of the ingredients of this mixture does meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII. The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	<20	- 921-024-6	01-2119475514-35	-	<b>Classification:</b> Flam. Liq. 2;H225, Skin Irrit. 2;H315, STOT SE 3;H336, Asp. Tox. 1;H304, Aquatic Chronic 2;H411
2,6-ditert-butyl-4-methylphenol	<1	128-37-0 204-881-4	01-2119565113-46	-	<b>Classification:</b> Aquatic Acute 1;H400, Aquatic Chronic 1;H410
Polysulphides, di-tert-Bu	<1	68937-96-2 273-103-3	01-2119540515-43	-	<b>Classification:</b> Skin Sens. 1B;H317, Aquatic Chronic 3;H412

#### List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**Composition comments** The full text for all H-statements is displayed in section 16.

## SECTION 4: First aid measures

**General information** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 4.1. Description of first aid measures

**Inhalation** Move to fresh air. Call a physician if symptoms develop or persist.

**Skin contact** Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Eye contact** Rinse with water. Get medical attention if irritation develops and persists.

**Ingestion** In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.

**4.2. Most important symptoms and effects, both acute and delayed** Skin irritation. May cause redness and pain.

**4.3. Indication of any immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## SECTION 5: Firefighting measures

**General fire hazards** Extremely flammable aerosol.

### 5.1. Extinguishing media

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture** Contents under pressure. Pressurised container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Special fire fighting procedures** Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials. In the event of fire and/or explosion do not breathe fumes.

## SECTION 6: Accidental release measures

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

**For non-emergency personnel** Wear appropriate personal protective equipment.

**For emergency responders** Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

### 6.2. Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

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

Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Prevent product from entering drains. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

### 6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

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

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS). Storage class (TRGS 510): 2B (Aerosol dispensers and lighters)

### 7.3. Specific end use(s)

Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### Austria

##### Components

Components	Type	Value
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	TWA (MAK)	200 ppm

#### Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001

##### Components

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	MAK	10 mg/m <sup>3</sup>

#### Belgium. Exposure Limit Values

##### Components

Components	Type	Value	Form
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	2 mg/m <sup>3</sup>	Vapour and aerosol.

#### Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

##### Components

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	STEL	50 mg/m <sup>3</sup>
	TWA	10 mg/m <sup>3</sup>

#### Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

##### Components

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	MAC	10 mg/m <sup>3</sup>

**Denmark. Exposure Limit Values**

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TLV	10 mg/m <sup>3</sup>

**Finland. Workplace Exposure Limits**

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	STEL	20 mg/m <sup>3</sup>
	TWA	10 mg/m <sup>3</sup>

**France**

Components	Type	Value
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	STEL	1500 mg/m <sup>3</sup>
	TWA	1000 mg/m <sup>3</sup>

**France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984**

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	VME	10 mg/m <sup>3</sup>

**Regulatory status:** Indicative limit (VL)

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value	Form
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	10 mg/m <sup>3</sup>	Vapor and aerosol, inhalable fraction.

**Germany - TRGS 900**

Components	Type	Value
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	TWA	700 mg/m <sup>3</sup>

**Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace**

Components	Type	Value	Form
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	AGW	10 mg/m <sup>3</sup>	Inhalable fraction.

**Greece. OELs (Decree No. 90/1999, as amended)**

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	10 mg/m <sup>3</sup>

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	10 mg/m <sup>3</sup>

**Ireland. Occupational Exposure Limits**

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	2 mg/m <sup>3</sup>

**Italy. Occupational Exposure Limits**

Components	Type	Value	Form
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	2 mg/m <sup>3</sup>	Inhalable fraction and vapour.

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

Components	Type	Value	Form
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	2 mg/m <sup>3</sup>	Inhalable fraction and vapour.

**Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)**

Components	Type	Value	Form
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	10 mg/m <sup>3</sup>	Inhalable fraction.

**Spain. Occupational Exposure Limits**

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	10 mg/m <sup>3</sup>

**Sweden**

Components	Type	Value
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	STEL (STV)	300 ppm
	TWA	200 ppm

**Switzerland**

Components	Type	Value
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	TWA	500 ppm

**Switzerland. SUVA Grenzwerte am Arbeitsplatz**

Components	Type	Value	Form
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	STEL	40 mg/m <sup>3</sup>	Vapor and aerosol, inhalable.
	TWA	10 mg/m <sup>3</sup>	Vapor and aerosol, inhalable.

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value
2,6-ditert-butyl-4-methylphenol (CAS 128-37-0)	TWA	10 mg/m <sup>3</sup>

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Recommended monitoring procedures** Follow standard monitoring procedures.

**Derived no effect levels (DNELs)**

**General population**

Components	Value	Assessment factor	Notes
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane (CAS -)			
Long-term, Systemic, Dermal	699 mg/kg bw/day		
Long-term, Systemic, Inhalation	608 mg/m <sup>3</sup>		
Long-term, Systemic, Oral	699 mg/kg bw/day		

**Workers**

Components	Value	Assessment factor	Notes
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane (CAS -)			
Long-term, Systemic, Dermal	773 mg/kg bw/day		
Long-term, Systemic, Inhalation	2035 mg/m <sup>3</sup>		

**Predicted no effect concentrations (PNECs)** Not available.

**8.2. Exposure controls**

**Appropriate engineering controls**

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.

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

**General information**

Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Eye/face protection**

Use eye protection conforming to EN 166. Wear safety glasses with side shields (or goggles).

**Skin protection**

<b>- Hand protection</b>	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through. Nitrile gloves are recommended.
<b>- Other</b>	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment. Chemical respirator with organic vapour cartridge. (Filter type A)
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>Hygiene measures</b>	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
<b>Environmental exposure controls</b>	Inform appropriate managerial or supervisory personnel of all environmental releases. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Fume scrubbers, filters or engineering modifications to the process equipment may be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

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

<b>Physical state</b>	Liquid.
<b>Form</b>	Aerosol.
<b>Colour</b>	Blue.
<b>Odour</b>	Solvent.
<b>Melting point/freezing point</b>	Not available.
<b>Boiling point or initial boiling point and boiling range</b>	Not available.
<b>Flammability</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Explosive limit - lower (%)</b>	8 % estimated
<b>Explosive limit – upper (%)</b>	0,9 % estimated
<b>Flash point</b>	< 0 °C (< 32,0 °F)
<b>Auto-ignition temperature</b>	> 200 °C (> 392 °F)
<b>Decomposition temperature</b>	Not available.
<b>pH</b>	Not applicable.
<b>Kinematic viscosity</b>	Not available.
<b>Solubility</b>	
<b>Solubility (water)</b>	Not available.
<b>Solubility (other)</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Density and/or relative density</b>	
<b>Relative density</b>	0,81 g/cm <sup>3</sup> at 20°C
<b>Vapour density</b>	Not available.
<b>Particle characteristics</b>	Not available.
<b>9.2. Other information</b>	
<b>9.2.1. Information with regard to physical hazard classes</b>	No relevant additional information available.
<b>9.2.2. Other safety characteristics</b>	
<b>Evaporation rate</b>	Not available.
<b>Heat of combustion</b>	43,7 kJ/g
<b>VOC</b>	485 g/l

## SECTION 10: Stability and reactivity

<b>10.1. Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>10.2. Chemical stability</b>	Material is stable under normal conditions.
<b>10.3. Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>10.4. Conditions to avoid</b>	Avoid high temperatures.

**10.5. Incompatible materials** Strong oxidising agents.

**10.6. Hazardous decomposition products** Carbon oxides.

## SECTION 11: Toxicological information

**General information** Not available.

### Information on likely routes of exposure

**Inhalation** May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.

**Skin contact** Causes skin irritation. May cause an allergic skin reaction.

**Eye contact** Direct contact with eyes may cause temporary irritation.

**Ingestion** May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms** Skin irritation. May cause redness and pain.

### 11.1. Information on toxicological effects

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

Components	Species	Test Results
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Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

#### Acute

##### **Dermal**

LD50	Rat	2920 mg/kg bw/day, 24 h
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##### **Inhalation**

LC50	Rat	25200 mg/m <sup>3</sup> , 4 h
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##### **Oral**

LD50	Rat	5840 mg/kg bw/day
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**Skin corrosion/irritation** Causes skin irritation.

**Serious eye damage/eye irritation** Direct contact with eyes may cause temporary irritation.

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

**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.

**Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)**

Not listed.

#### **IARC Monographs. Overall Evaluation of Carcinogenicity**

2,6-ditert-butyl-4-methylphenol (CAS 128-37-0) 3 Not classifiable as to carcinogenicity to humans.

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

**Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

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

**Mixture versus substance information** Not available.

### 11.2. Information on other hazards

**Endocrine disrupting properties** The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**Other information** May cause allergic respiratory and skin reactions.

## SECTION 12: Ecological information

**12.1. Toxicity** Harmful to aquatic life with long lasting effects. Based on available data, the classification criteria are not met for hazardous to the aquatic environment, acute hazard.

Components	Species	Test Results
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Algae > 30 - < 100 mg/l, 72 h
Crustacea	EC50	Daphnia 3 mg/l, 48 h
Fish	LC50	Fish 11,4 mg/l, 96 h
<b>12.2. Persistence and degradability</b>	No data is available on the degradability of any ingredients in the mixture.	
<b>12.3. Bioaccumulative potential</b>	No data available.	
<b>Partition coefficient n-octanol/water (log Kow)</b>		
2,6-ditert-butyl-4-methylphenol	5,1	
<b>Bioconcentration factor (BCF)</b>	Not available.	
<b>12.4. Mobility in soil</b>	No data available.	
<b>12.5. Results of PBT and vPvB assessment</b>	This mixture does not meet vPvB / PBT criteria of Regulation (EC) No 1907/2006, Annex XIII.	
<b>12.6. Endocrine disrupting properties</b>	The product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.	
<b>12.7. Other adverse effects</b>	The product contains volatile organic compounds which have a photochemical ozone creation potential. GWP: 2	

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Residual waste</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.
<b>EU waste code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Disposal methods/information</b>	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Special precautions</b>	Dispose in accordance with all applicable regulations.

## SECTION 14: Transport information

### ADR

<b>14.1. UN number</b>	UN1950
<b>14.2. UN proper shipping name</b>	AEROSOLS, flammable
<b>14.3. Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	Not assigned.
<b>Label(s)</b>	2.1
<b>Hazard No. (ADR)</b>	Not assigned.
<b>Tunnel restriction code</b>	D
<b>ADR/RID - Classification code:</b>	5F
<b>14.4. Packing group</b>	Not assigned.
<b>14.5. Environmental hazards</b>	No.
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

### IATA

<b>14.1. UN number</b>	UN1950
<b>14.2. UN proper shipping name</b>	Aerosols, flammable

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

**Class** 2.1

**Subsidiary risk** Not assigned.

**14.4. Packing group** Not assigned.

**14.5. Environmental hazards** No.

**ERG Code** 10L

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### Other information

**Passenger and cargo aircraft** Allowed with restrictions.

**Cargo aircraft only** Allowed with restrictions.

#### IMDG

**14.1. UN number** UN1950

**14.2. UN proper shipping name** Aerosols, flammable

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

**Class** 2.1

**Subsidiary risk** Not assigned.

**14.4. Packing group** Not assigned.

#### 14.5. Environmental hazards

**Marine pollutant** No.

**EmS** F-D, S-U

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**14.7. Maritime transport in bulk according to IMO instruments** Not established.

ADR; IATA; IMDG



## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended**  
Not listed.

**Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended**  
Not listed.

**Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended**  
Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended**  
Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA**  
Not listed.

#### Authorisations

**Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended**  
Not listed.

## Restrictions on use

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Not listed.

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.**

Not listed.

## Other EU regulations

**Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended**

Not listed.

## Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

## National regulations

This safety data sheet conforms to the following laws, regulations and standards:  
This safety data sheet conforms to the following laws, regulations and standards:  
Act on the management of packaging and packaging waste of June 13, 2013  
Regulation of the Minister of Health of June 11, 2012 on the categories of dangerous substances and dangerous preparations whose packaging should be fitted with child-resistant closures and a tactile warning of danger  
REGULATION OF THE MINISTER OF HEALTH of February 2, 2011 on tests and measurements of factors harmful to health in working environments  
Regulation of Ministry of Labor and Social Policy of June 6, 2014. On the matter of maximum permissible concentrations and intensities of harmful factors in the work environment (Journal of Laws 2014, item. 817)  
Chemical Safety at Workplace Ordinance Joint Decree No. 25/2000 (Annex 2): Permissible limit values of biological exposure (effect) indices Decree No. 25/2000. (IX. 30.) EüM-SzCsM of the Minister of Health and the Minister of Social and Family Affairs on chemical safety at work Act No. 93 of 1993 on Labour Safety (1993.évi XCIII.), as amended  
Government Decree No. 220 of 2004 (VII. 21.) providing rules on the protection of surface waters quality  
Government Decree No. 98/2001 (VI. 15.), on the conditions of the activities related to hazardous waste, and Ministry of Environmental Affairs Decree No. 16/2001 (VII. 18.), on the register of waste s Public Act No. XXV of 2000 on Chemical Safety, and Application Decree No. 44/2000. (XII.27.) EüM [of the Ministry of Health]  
Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

## 15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

### List of abbreviations

Not available.

### References

Not available.

### Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

### Full text of any statements, which are not written out in full under sections 2 to 15

H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H336 May cause drowsiness or dizziness.  
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.

### Revision information

Product and Company Identification: Alternate Trade Names  
SECTION 2: Hazards identification: Response  
SECTION 2: Hazards identification: 2,3. Other hazards  
Composition / Information on Ingredients: Disclosure Overrides  
SECTION 7: Handling and storage: 7.2. Conditions for safe storage, including any incompatibilities  
SECTION 8: Exposure controls/personal protection: Eye/face protection  
SECTION 8: Exposure controls/personal protection: - Hand protection  
SECTION 8: Exposure controls/personal protection: Respiratory protection  
SECTION 11: Toxicological information: Endocrine disrupting properties  
SECTION 12: Ecological information: 12,6. Endocrine disrupting properties  
SECTION 12: Ecological information: 12,7. Other adverse effects  
Transport Information: Product Shipping Name/Packing Group

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

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