according to Regulation (EC) No 1907/2006 (REACH) as amended

# **CONTEC MATT STAR**

Creation date 15th December 2015

Revision date 15th March 2019 Version 2.0

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

CONTEC MATT STAR **Product identifier** 1.1.

Substance / mixture Number 0.356.918/3

Relevant identified uses of the substance or mixture and uses advised against 1 2

Mixture's intended use polish

Mixture uses advised against The product should not be used in ways other then those

referred in Section 1.

1.3. Details of the supplier of the safety data sheet

**Distributor** 

Name or trade name Hermann Hartje KG

Address Deichstraße 120-122, Hoya/Waser, 27318

> Germany DE116162847

VAT Reg No Phone 0049/4251/811-20 E-mail rene.preuss@hartje.de Web address www.hartje.de

Manufacturer

Name or trade name

Nacházel, s.r.o.

nacházel

Address Průmyslová 11/1472, Praha 10 - Hostivař, 10219

Czech Republic

25734458 Identification number (CRN) VAT Reg No CZ25734458 Phone 222 351 140 E-mail maziva@nachazel.cz Web address www.nachazel.cz

Competent person responsible for the safety data sheet

Nacházel, s.r.o. E-mail maziva@nachazel.cz

1.4. **Emergency telephone number** 

National Health Service (NHS) 111

National poisoning information centre Scotland, NHS 24: 111

112

#### **SECTION 2: Hazards identification**

#### Classification of the substance or mixture

# Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Aerosol 1, H222, H229 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317 STOT SE 3, H336 Muta. 1B, H340 Carc. 1A, H350 Aquatic Chronic 2, H411

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

#### Most serious adverse physico-chemical effects

Extremely flammable aerosol. Pressurised container: May burst if heated.

#### Most serious adverse effects on human health and the environment

May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. May cause an allergic skin reaction. Toxic to aquatic life with long lasting effects. EUH208 Contains Benzyl Salicylate. May produce an allergic reaction.

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#### 2.2. **Label elements**

#### Hazard pictogram







#### Signal word

Danger

#### **Hazardous substances**

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

hydrocarbons, c10-c13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Benzyl 2-hydroxybenzoát

butane

#### **Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

#### **Precautionary statements**

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P261 Avoid breathing spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Protect from sunlight. Do no expose to temperatures exceeding 50 °C. P410+P412 P501 Dispose of container to as hazardous waste..

#### Supplemental information

>=30 % aliphatic hydrocarbons, perfumes, Benzyl salicylate, Butylphenyl methylpropional

#### 2.3.

Note: The calculation method took into account the requirements of the CLP Regulation for the classification of aerosols in accordance with section 1.1.3.7 of Annex I, Part 1 of the CLP Regulation, ie an aerosol mixture is assigned to the same hazard category as a non-aerosol mixture. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

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# **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

#### **Chemical characterization**

Mixture of substances and additives specified below. Note on stated concentration ranges: the stated values cover the concentrations of the substances in the liquid and in the aerosol (the concentration of the propellant components corresponds to the content of these substances in the liquid / gas mixture).

2.0

The classification calculations are based on the upper values of the stated concentration ranges.

 ${\bf Mixture\ contains\ these\ hazardous\ substances\ and\ substances\ with\ the\ highest\ permissible\ concentration\ in\ the\ working\ environment}$ 

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note.
EC: 927-510-4 Registration number: 01-2119475515-33	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	15-55	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	2
EC: 918-481-9 Registration number: 01-2119457273-39- XXXX	hydrocarbons, c10-c13, n-alkanes, isoalkanes, cyclics, <2% aromatics	10-30	Asp. Tox. 1, H304	
CAS: 8042-47-5 EC: 232-455-8 Registration number: 01-2119487078-27- XXXX	White mineral oil (petroleum)	5-15	Asp. Tox. 1, H304	
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7	isopropanol	2-<8	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
CAS: 118-58-1 EC: 204-262-9 Registration number: 01-2119969442-31	Benzyl 2-hydroxybenzoát	<2	Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	
Index: 601-004-01-8 CAS: 106-97-8 EC: 203-448-7	butane	1-2	Press. Gas, Flam. Gas 1, H220 Muta. 1B, H340 Carc. 1A, H350	1, 3, 4, 5

#### Notes

- 1 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 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 shall apply. This note applies only to certain complex oil-derived substances in Part 3.
- 3 Note S: This substance may not require a label according to Article 17 (see Section 1.3 of Annex I) (Table 3).
- 4 Note U (Table 3): 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).

5 The use of the substance is restricted by Annex XVII of REACH Regulation

according to Regulation (EC) No 1907/2006 (REACH) as amended

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

#### **SECTION 4: First aid measures**

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

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

Take care of your own safety, do not let the affected person walk! Terminate the exposure immediately; move the affected person to fresh air. Beware of the contaminated clothes. Depending on the situation, call the medical rescue service and ensure medical treatment considering the frequent need of further observation for at least 24 hours.

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible.

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

#### If swallowed

If the affected person vomits, make sure to prevent inhalation of the vomit (as there is a danger of lung damage after inhalation of these liquids in the airways also in infinitesimal amount). Ensure medical treatment considering the frequent need of further observation for at least 24 hours. Bring an original container with the label and the Safety Data Sheet of the given substance as appropriate.

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

#### If inhaled

Cough, headache. May cause drowsiness or dizziness.

#### If on skin

May cause an allergic skin reaction.

#### If in eyes

When intruding eyes, it can evoke irritation.

#### If swallowed

Irritation, nausea.

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

Symptomatic treatment.

#### **SECTION 5: Firefighting measures**

## **Extinguishing media**

#### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

#### Unsuitable extinguishing media

Water - full jet.

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

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

#### 5.3. **Advice for firefighters**

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

#### **SECTION 6: Accidental release measures**

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

Provide sufficient ventilation. Extremely flammable aerosol. Pressurised container: May burst if heated. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols. Prevent contact with skin and eyes.

#### 6.2. **Environmental precautions**

Do not allow to enter drains. Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

#### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. Use non-sparking tools. Use of antistatic clothes and footwear is recommended. Do not inhale aerosols. Prevent contact with skin and eyes. No smoking. Protect against direct sunlight. Obtain special instructions before use. Do not pierce or burn, even after use. Wash hands and exposed parts of the body thoroughly after handling. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Store locked up. Protect from sunlight. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C.

Storage class

Content

Packaging type

Material of package

2B - Aerosols

200 ml

spray

FE (40), Steel (Metals)



FE

Storage temperature

min 0 °C, max 40 °C

The specific requirements or rules relating to the substance/mixture

Data not available.

#### 7.3. Specific end use(s)

not available

# **SECTION 8: Exposure controls/personal protection**

# 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### DNEL

Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Workers / consumers	Route of exposure	Value	Effect	Determining method
Workers	Dermal	300 mg/kg bw/day	Systemic chronic effects	
Workers	Inhalation	2085 mg/m <sup>3</sup>	Systemic chronic effects	
Consumers	Dermal	149 mg/kg bw/day	Local chronic effects	
Consumers	Inhalation	447 mg/m <sup>3</sup>	Systemic chronic effects	
Consumers	Oral	149 mg/kg bw/day	Systemic chronic effects	

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#### **Exposure controls**

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. If exposure limits cannot be observed in this mode, suitable protection of airways must be used. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

Protective goggles.

#### Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

# **Respiratory protection**

Respirator.

## Thermal hazard

Not available.

#### **Environmental exposure controls**

Observe usual measures for protection of the environment, see Section 6.2. Collect spillage.

#### **SECTION 9: Physical and chemical properties**

#### Information on basic physical and chemical properties

Appearance liquid at 20°C Physical state

color transparent Odour after solvents Odour threshold data not available

рН data not available

Melting point/freezing point <-60 °C (Hydrocarbons C7) Initial boiling point and boiling range -40 °C (propellant)

Flash point -80 °C (propellant) Evaporation rate 3 EtEt=1 (Hydrocarbons C7) Flammability (solid, gas) Extremely flammable aerosol.

Upper/lower flammability or explosive limits

flammability limits data not available

explosive limits

1.8 % bottom upper 11.2 %

Vapour pressure 2400-4000 hPa at 20°C Vapour density data not available data not available Relative density

Solubility(ies)

solubility in water insoluble

solubility in fats data not available

Partition coefficient: n-octanol/water -0.24 >200 °C Auto-ignition temperature

data not available Decomposition temperature data not available Viscosity Explosive properties data not available Oxidising properties data not available data not available

Other information

0.67 g/cm3 at 20°C Density ignition temperature >350 °C (propellant)

content of organic solvents (VOC) 0.83 kg/kg

solid content (dry matter) 0.009 % volume

none

9.2.

according to Regulation (EC) No 1907/2006 (REACH) as amended

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#### **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

Data not available.

#### 10.2. Chemical stability

The product is stable under normal conditions.

## 10.3. Possibility of hazardous reactions

Unknown.

#### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost. Pressurised container: May burst if heated.

#### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

#### 10.6. Hazardous decomposition products

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

### **SECTION 11: Toxicological information**

#### 11.1. Information on toxicological effects

No toxicological data is available for the mixture.

#### **Acute toxicity**

Based on available data the classification criteria are not met.

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Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD <sub>50</sub>		>2000 mg/kg		Rabbit	

# hydrocarbons, c10-c13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	DL 50	OECD 401	>5000 mg/kg bw			
Dermal	LD50	OECD 402	>2000 mg/kg bw	24 hour	Rabbit	
Inhalation	LC <sub>50</sub>	OECD 403	>50 mg/l		Rat (Rattus norvegicus)	

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
	LD50		>2920 mg/kg bw	24 hour	Rat (Rattus norvegicus)	
Inhalation (vapor)	LC50		>23300 mg/kg	48 hour	Rabbit	
	DL 50		>5840 mg/kg bw		Rat (Rattus norvegicus)	

#### White mineral oil (petroleum)

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD50		>5100 mg/kg		Rat (Rattus norvegicus)	
Dermal	LD50		>2000 mg/kg		Rabbit	
Inhalation (dust/mist)	LC50		>5000 mg/l	4 hour	Rat (Rattus norvegicus)	

#### Skin corrosion/irritation

Causes skin irritation.

according to Regulation (EC) No 1907/2006 (REACH) as amended

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#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation

May cause an allergic skin reaction.

#### Germ cell mutagenicity

Based on available data the classification criteria are not met.

#### Carcinogenicity

Based on available data the classification criteria are not met.

#### Reproductive toxicity

Based on available data the classification criteria are not met.

#### Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness.

#### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

#### **Aspiration hazard**

May be fatal if swallowed and enters airways. Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time.

## More information

Data not available.

#### **SECTION 12: Ecological information**

#### 12.1. Toxicity

#### **Acute toxicity**

Toxic to aquatic life with long lasting effects.

hydrocarbons, c10-c13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Parameter	Method	Value	Time of exposure	Species	Environmen t
ErL 50	OECD 201	>1000 mg/l	72 hour	Algae (Selenastrum capricornutum)	
EbL 50	OECD 201	>1000 mg/l	72 hour	Algae (Selenastrum capricornutum)	
NOELR	OECD 201	1000 mg/l	72 hour	Algae (Selenastrum capricornutum)	
EC50	OECD 201	>1000 mg/l	48 hour	Daphnia (Daphnia magna)	
LC50	OECD 203	>1000 mg/l	96 hour	Fishes (Oncorhynchus mykiss)	

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Parameter	Method	Value	Time of exposure	Species	Environmen t
ErL 50	OECD 201	10-30 mg/l	72 hour	Algae (Selenastrum capricornutum)	
NOELR	OECD 201	6.3 mg/l		Algae (Selenastrum capricornutum)	

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# Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Parameter	Method	Value	Time of exposure	Species	Environmen t
EL 50	OECD 202	1 mg/l	21 day	Daphnia (Daphnia magna)	
NOELR		1.53 mg/l of air	28 day	Fishes (Oncorhynchus mykiss)	

#### More information

Data not available.

#### 12.2. Persistence and degradability

#### **Biodegradability**

hydrocarbons, c10-c13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Parameter	Method	Value	Time of exposure	Environment	Result
		80 %	28 day		Easily biodegradable

#### Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics

Parameter	Method	Value	Time of exposure	Environment	Result
	OECD 301F	98 %	28 day		Easily biodegradable

The mixture is biodegradable.

#### 12.3. Bioaccumulative potential

Not available.

#### 12.4. Mobility in soil

Not available.

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

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

# 12.6. Other adverse effects

Not available.

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

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

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

#### Waste type code

14 06 03 other solvents and solvent mixtures \*

16 05 04 gases in pressure containers (including halons) containing hazardous substances \*

17 04 05 iron and steel

#### Packaging waste type code

metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers \*

15 01 04 motallic packaging

15 01 04 metallic packaging

(\*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

according to Regulation (EC) No 1907/2006 (REACH) as amended

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#### **SECTION 14: Transport information**

#### 14.1. UN number

UN 1950

#### 14.2. UN proper shipping name

**AEROSOLS** 

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

2 Gases

#### 14.4. Packing group

not available

## 14.5. Environmental hazards

No

#### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not available

#### **Additional information**

Hazard identification No.

UN number

Classification code

Safety signs



51

0

2.1+hazardous for the environment





#### Road transport - ADR

Special provisions 190, 327, 344, 625

Limited quantities 1 L

**Packaging** 

Packing instructions P207, LP02 Special packing provisions PP87, RR6, L2

Mixed packing provisions MP9
Transport category 2
Tunnel restriction code (D)

Special provision for

packages V14

loading, unloading and handling CV9, CV12

Railway transport - RID

Special provisions 190, 327, 344, 625

**Packaging** 

Packing instructions P207, LP02
Special packing provisions PP87, RR6, L2
Mixed packing provisions MP9

Mixed packing provisions
Transport category

Special provision for

packages W 14

loading, unloading and handling CW 9, CW 12

Marine transport - IMDG

EmS (emergency plan) F-D, S-U MFAG 620 Marine Pollutant No

according to Regulation (EC) No 1907/2006 (REACH) as amended

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#### **SECTION 15: Regulatory information**

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as ammended.

# Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

#### butane

Restriction	Conditions of restriction
28	Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30:  1. Shall not be placed on the market, or used,  — as substances,  — as constituents of other substances, or,
	<ul> <li>in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than:</li> </ul>
	<ul> <li>either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No 1272/2008, or,</li> </ul>
	— the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008.
	Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:
	"Restricted to professional users".
	2. By way of derogation, paragraph 1 shall not apply to: (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; (b) cosmetic products as defined by Directive 76/768/EEC; (c) the following fuels and oil products:  — motor fuels which are covered by Directive 98/70/EC,
	<ul> <li>mineral oil products intended for use as fuel in mobile or fixed combustion plants,</li> <li>fuels sold in closed systems (e.g. liquid gas bottles);</li> </ul>
	(d) artists' paints covered by Regulation (EC) No 1272/2008; (e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11, column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date.

according to Regulation (EC) No 1907/2006 (REACH) as amended

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#### butane

Restriction	Conditions of restriction
29	Without prejudice to the other parts of this Annex the following shall apply to entries 28 to 30:  1. Shall not be placed on the market, or used,  — as substances,  — as constituents of other substances, or,
	<ul> <li>in mixtures, for supply to the general public when the individual concentration in the substance or mixture is equal to or greater than:</li> <li>either the relevant specific concentration limit specified in Part 3 of Annex VI to Regulation (EC) No.</li> </ul>
	1272/2008, or,
	— the relevant generic concentration limit specified in Part 3 of Annex I of Regulation (EC) No 1272/2008.
	Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures is marked visibly, legibly and indelibly as follows:
	"Restricted to professional users".
	2. By way of derogation, paragraph 1 shall not apply to: (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC; (b) cosmetic products as defined by Directive 76/768/EEC; (c) the following fuels and oil products:
	<ul> <li>motor fuels which are covered by Directive 98/70/EC,</li> <li>mineral oil products intended for use as fuel in mobile or fixed combustion plants,</li> <li>fuels sold in closed systems (e.g. liquid gas bottles);</li> <li>(d) artists' paints covered by Regulation (EC) No 1272/2008;</li> </ul>
	(e) the substances listed in Appendix 11, column 1, for the applications or uses listed in Appendix 11 column 2. Where a date is specified in column 2 of Appendix 11, the derogation shall apply until the said date.

# 15.2. Chemical safety assessment

Data not available.

# More information

Contains more than 30% aliphatic hydrocarbons, perfumes (Benzyl Salicylate; Butylphenyl Methylpropional; Limonene)

#### **SECTION 16: Other information**

## A list of standard risk phrases used in the safety data sheet

H220	Extremely flammable gas.	
H222	Extremely flammable aerosol.	
H225	Highly flammable liquid and vapour.	
H229	Pressurised container: May burst if heated.	
H280	Contains gas under pressure; may explode if heated.	
H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H336	May cause drowsiness or dizziness.	
H340	May cause genetic defects.	
H350	May cause cancer.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
Guidelines for safe handling used in the safety data sheet		
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P251	Do not pierce or burn, even after use.	
P410+P412	Protect from sunlight. Do no expose to temperatures exceeding 50 °C.	

Do not spray on an open flame or other ignition source.

P211

according to Regulation (EC) No 1907/2006 (REACH) as amended

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P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P261 Avoid breathing spray.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment. P102 Keep out of reach of children.

P501 Dispose of container to as hazardous waste...

#### A list of additional standard phrases used in the safety data sheet

EUH 208 Contains Benzyl 2-hydroxybenzoát. May produce an allergic reaction.

#### Other important information about human health protection

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

## Key to abbreviations and acronyms used in the safety data sheet

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

BCF Bioconcentration Factor
CAS Chemical Abstracts Service

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

mixtures

DNEL Derived no-effect level

EC Identification code for each substance listed in EINECS

EC50 Concentration of a substance when it is affected 50% of the population EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan EU European Union

IATA International Air Transport Association

IBC International Code For The Construction And Equipment of Ships Carrying Dangerous

Chemicals

IC50 Concentration causing 50% blockadeICAO International Civil Aviation OrganizationIMDG International Maritime Dangerous Goods

INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry

LC50 Lethal concentration of a substance in which it can be expected death of 50% of the

population

LD50 Lethal dose of a substance in which it can be expected death of 50% of the population

LOAEC Lowest observed adverse effect concentration

LOAEL Lowest observed adverse effect level log Kow Octanol-water partition coefficient

MARPOL International Convention for the Prevention of Pollution From Ships

NOAEC No observed adverse effect concentration

NOAEL No observed adverse effect level NOEC No observed effect concentration

NOEL No observed effect level
OEL Occupational Exposure Limits
PBT Persistent, Bioaccumulative and Toxic
PNEC Predicted no-effect concentration

ppm Parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Agreement on the transport of dangerous goods by rail

UN Four-figure identification number of the substance or article taken from the UN Model

Regulations

UVCB Substances of unknown or variable composition, complex reaction products or biological

materials

VOC Volatile organic compounds

vPvB Very Persistent and very Bioaccumulative

according to Regulation (EC) No 1907/2006 (REACH) as amended

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Aerosol Aerosol

Aquatic Chronic Hazardous to the aquatic environment

Asp. Tox. Aspiration hazard
Carc. Carcinogenicity
Eye Irrit. Eye irritation
Flam. Gas Flammable gas
Flam. Liq. Flammable liquid
Muta. Germ cell mutagenicity
Press. Gas Gases under pressure

Skin Irrit. Skin irritation
Skin Sens. Skin sensitization

STOT SE Specific target organ toxicity - single exposure

#### **Training guidelines**

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

#### Recommended restrictions of use

not available

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

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

#### More information

Classification procedure - calculation method.

#### **Statement**

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.