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Conforms to EU Regulation 1907/2006/EC as amended. - SDSGHS\_KS

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

1.1 Product identifier

Trade name : Tectyl® BODYSAFE WAX CORROSION INHIBITOR

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

Recommended use : Coatings

1.3 Details of the	e supplier	of the	safety	data
sheet			_	

Ellis Enterprises B.V., an affiliate of Valvoline Wieldrechtseweg 39

3316 BG Dordrecht

Netherlands

+31 (0)78 654 3500 (in the Netherlands), or contact your local CSR contact person

# 1.4 Emergency telephone number

+1-800-VALVOLINE (+1-800-825-8654), or contact your local emergency telephone number at 112

#### **Product Information**

+31 (0)78 654 3500 (in the Netherlands), or contact your local CSR contact person

SDS@valvoline.com

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

## 2.1 Classification of the substance or mixture

### Classification (REGULATION (EC) No 1272/2008)

Aerosols, Category 1 H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

Specific target organ toxicity - single exposure, Category 3, Central nervous system

H336: May cause drowsiness or dizziness.

## 2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :





Signal word : Danger

Hazard statements : H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H336 May cause drowsiness or dizziness.

Precautionary statements : P101 If medical advice is needed, have product container or

label at hand.

P102 Keep out of reach of children.

Prevention:

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.

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

Storage:

P405 Store locked up.

P410 + P412 Protect from sunlight. Do not expose to

temperatures exceeding 50 °C/ 122 °F.

Disposal:

P501 Dispose of contents/ container to an approved waste

disposal plant.

Hazardous components which must be listed on the label:

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics

Hydrocarbons, C9-C10,n-alkanes, iso-alkanes, cyclics, <2% aromatics

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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

#### 3.2 Mixtures

## **Hazardous components**

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		

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	Registration number		
PROPANE	74-98-6 200-827-9 601-003-00-5 01-2119486944-21- xxxx	Flam. Gas1; H220 Press. GasLiquefied gas; H280	>= 25,00 - < 40,00
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes,cyclenes, <2% aromatics	1174522-20-3 01-2119463258-33- xxxx	Flam. Liq.3; H226 STOT SE3; H336 Asp. Tox.1; H304	>= 20,00 - < 25,00
Hydrocarbons, C9-C10,n-alkanes, iso-alkanes,cyclics, <2% aromatics	Not Assigned 927-241-2 01-2119471843-32- xxxx	Flam. Liq.3; H226 STOT SE3; H336 Asp. Tox.1; H304 Aquatic Chronic3; H412	>= 20,00 - < 25,00
Substances with a workplace exposure limit :			
TALC	14807-96-6 238-877-9		>= 5,00 - < 10,00

For explanation of abbreviations see section 16.

# **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

General advice : Move out of dangerous area.

Call a POISON CENTRE or doctor/physician if exposed or

you feel unwell.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

If inhaled : Move to fresh air.

If unconscious, place in recovery position and seek medical

advice.

Consult a physician after significant exposure.

In case of skin contact : First aid is not normally required. However, it is

recommended that exposed areas be cleaned by washing

with soap and water.

In case of eye contact : Flush eyes with water as a precaution.

Remove contact lenses. Protect unharmed eye.

If eye irritation persists, consult a specialist.

If swallowed : Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

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

**Symptoms** : No symptoms known or expected.

Risks : May cause drowsiness or dizziness.

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

Treatment : No hazards which require special first aid measures.

# **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Water spray

Foam

Alcohol-resistant foam Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing

media

: High volume water jet

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

Specific hazards during

firefighting

: Never use welding or cutting torch on or near drum (even

empty) because product (even just residue) can ignite

explosively.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion

products

: carbon dioxide and carbon monoxide

Hvdrocarbons

Nitrogen oxides (NOx)

# 5.3 Advice for firefighters

for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

Specific extinguishing

methods

: Product is compatible with standard fire-fighting agents.

Further information : Use a water spray to cool fully closed containers.

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

# 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Evacuate personnel to safe areas.

Remove all sources of ignition. Ensure adequate ventilation.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Persons not wearing protective equipment should be excluded

from area of spill until clean-up has been completed.

Comply with all applicable federal, state, and local regulations.

## 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

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

#### 6.4 Reference to other sections

For further information see Section 8 and Section 13 of the safety data sheet.

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

### 7.1 Precautions for safe handling

Advice on safe handling : Open drum carefully as content may be under pressure.

Provide sufficient air exchange and/or exhaust in work rooms.

Do not breathe vapours/dust.

Do not smoke.

Container hazardous when empty.

Take precautionary measures against static discharges. Avoid exposure - obtain special instructions before use. Smoking, eating and drinking should be prohibited in the

application area.

For personal protection see section 8.

Dispose of rinse water in accordance with local and national

regulations.

Advice on protection against

fire and explosion

: Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition. Use

only explosion-proof equipment.

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Hygiene measures : Wash hands before breaks and at the end of workday.

# 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. No smoking.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : No data available

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

#### 8.1 Control parameters

## **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
TALC	14807-96-6	TWA (Respirable dust)	0,1 mg/m3	2004/37/EC
Further information	Carcinogens or mutagens			

#### 8.2 Exposure controls

#### **Engineering measures**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

#### Personal protective equipment

Eye protection : Not required under normal conditions of use. Wear splash-

proof safety goggles if material could be misted or splashed

into eyes.

Hand protection

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Skin and body protection : Wear as appropriate:

Impervious clothing

Safety shoes

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Flame-resistant clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : In the case of vapour formation use a respirator with an

approved filter.

In the case of dust or aerosol formation use respirator with an

approved filter.

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

# 9.1 Information on basic physical and chemical properties

Appearance : aerosol

Colour : bronze

Odour : solvent-like

Odour Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point : < 0 °C

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower

flammability limit

No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : ca. 0,8 g/cm3 (20 °C)

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Solubility(ies)

Water solubility : insoluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

9.2 Other information

Self-ignition : No data available

# **SECTION 10: Stability and reactivity**

# 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

Stable under recommended storage conditions.

# 10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

None known.

10.5 Incompatible materials

Materials to avoid : Acids

alkalis

Strong oxidizing agents

# 10.6 Hazardous decomposition products

Hazardous decomposition

products

: No hazardous decomposition products are known.

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# **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

Information on likely routes of : Inhalation

exposure Skin contact

Eye Contact Ingestion

## **Acute toxicity**

Not classified based on available information.

## **Components:**

**PROPANE:** 

Acute inhalation toxicity : LC50 (Rat): 1.237 mg/l

Exposure time: 2 h Test atmosphere: gas

Assessment: Not classified as acutely toxic by inhalation

under GHS.

Remarks: Information given is based on data obtained from

similar substances.

#### **Components:**

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:

Acute oral toxicity : LD50 (Rat, male and female): > 15.000 mg/kg

Method: OECD Test Guideline 423

Remarks: Information given is based on data obtained from

similar substances.

Acute inhalation toxicity : LC50 (Rat): > 4,95 mg/l

Exposure time: 4 h
Test atmosphere: vapour

Method: OECD Test Guideline 403

Assessment: No adverse effect has been observed in acute

inhalation toxicity tests.

Remarks: Information given is based on data obtained from

similar substances.

Acute dermal toxicity : LD50 (Rabbit, male and female): >= 3.160 mg/kg

Method: OECD Test Guideline 402

Assessment: No adverse effect has been observed in acute

dermal toxicity tests.

Remarks: Information given is based on data obtained from

similar substances.

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#### **Components:**

Hydrocarbons, C9-C10,n-alkanes, iso-alkanes,cyclics, <2% aromatics:

Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg

Remarks: Information given is based on data obtained from

similar substances.

Acute inhalation toxicity : LC50 (Rat): > 5,0 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Assessment: Not classified as acutely toxic by inhalation

under GHS.

Remarks: Information given is based on data obtained from

similar substances.

Acute dermal toxicity : LD50 (Rabbit): >= 3.160 mg/kg

Method: OECD Test Guideline 402

Assessment: Not classified as acutely toxic by dermal

absorption under GHS.

Remarks: No mortality observed at this dose.

Information given is based on data obtained from similar

substances.

#### Skin corrosion/irritation

Not classified based on available information.

## **Components:**

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:

Result: Slight, transient irritation

# Hydrocarbons, C9-C10,n-alkanes, iso-alkanes,cyclics, <2% aromatics:

Species: Rabbit

Method: OECD Test Guideline 404

TALC:

Result: Slight, transient irritation

#### Serious eye damage/eye irritation

Not classified based on available information.

#### **Product:**

Remarks: Unlikely to cause eye irritation or injury.

#### **Components:**

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:

Result: No eye irritation

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#### Hydrocarbons, C9-C10,n-alkanes, iso-alkanes,cyclics, <2% aromatics:

Species: Rabbit

Method: OECD Test Guideline 405

Result: No eye irritation

Remarks: Information given is based on data obtained from similar substances.

TALC:

Result: Slight, transient irritation

## Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information. Respiratory sensitisation: Not classified based on available information.

#### **Components:**

# Hydrocarbons, C9-C10,n-alkanes, iso-alkanes,cyclics, <2% aromatics:

Test Type: Maximisation Test

Species: Guinea pig

Assessment: Did not cause sensitisation on laboratory animals.

Method: OECD Test Guideline 406

Remarks: Information given is based on data obtained from similar substances.

#### Germ cell mutagenicity

Not classified based on available information.

#### **Components:**

#### **PROPANE:**

Genotoxicity in vitro : Test Type: Ames test

Test species: Salmonella typhimurium

Metabolic activation: with and without metabolic activation

Result: negative

Remarks: Information given is based on data obtained from

similar substances.

# Hydrocarbons, C9-C10,n-alkanes, iso-alkanes, cyclics, <2% aromatics:

Genotoxicity in vitro : Test Type: Ames test

Result: negative

Remarks: Information given is based on data obtained from

similar substances.

### Carcinogenicity

Not classified based on available information.

# Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

May cause drowsiness or dizziness.

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#### **Components:**

#### Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:

Assessment: May cause drowsiness or dizziness.

# Hydrocarbons, C9-C10,n-alkanes, iso-alkanes, cyclics, <2% aromatics:

Assessment: May cause drowsiness or dizziness.

### STOT - repeated exposure

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.

## Components:

# Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics:

May be fatal if swallowed and enters airways.

# Hydrocarbons, C9-C10,n-alkanes, iso-alkanes, cyclics, <2% aromatics:

May be fatal if swallowed and enters airways.

#### **Further information**

#### Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

# **SECTION 12: Ecological information**

### 12.1 Toxicity

#### Components:

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 1.000 mg/l

> Exposure time: 96 h Test Type: semi-static test Test substance: WAF

Method: OECD Test Guideline 203

aquatic invertebrates

Toxicity to daphnia and other : EL50 (Daphnia magna (Water flea)): 1.000 mg/l

Exposure time: 48 h Test Type: static test Test substance: WAF

Method: OECD Test Guideline 202

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Toxicity to algae : EL50 (Pseudokirchneriella subcapitata (green algae)): > 1.000

mg/l

End point: Growth inhibition Exposure time: 72 h Test Type: static test

Method: OECD Test Guideline 201

Hydrocarbons, C9-C10,n-alkanes, iso-alkanes, cyclics, <2% aromatics

Toxicity to fish : LL50 (Oncorhynchus mykiss (rainbow trout)): > 10 - < 30 mg/l

Exposure time: 96 h
Test Type: semi-static test
Test substance: WAF

Method: OECD Test Guideline 203

Toxicity to daphnia and other

aquatic invertebrates

: EL50 (Daphnia magna (Water flea)): > 22 - < 46 mg/l

Exposure time: 48 h Test Type: static test Test substance: WAF

Method: OECD Test Guideline 202

Toxicity to algae : EL50 (Pseudokirchneriella subcapitata (green algae)): > 1.000

mg/l

End point: Growth inhibition Exposure time: 72 h Test Type: static test

Method: OECD Test Guideline 201

Toxicity to fish (Chronic

toxicity)

: NOELR: 0,182 mg/l Exposure time: 28 d

Species: Oncorhynchus mykiss (rainbow trout)

Method: QSAR

### 12.2 Persistence and degradability

## **Components:**

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclenes, <2% aromatics

Biodegradability : Result: Readily biodegradable.

Biodegradation: 80 % Exposure time: 28 d

Method: OECD Test Guideline 301F

Hydrocarbons, C9-C10,n-alkanes, iso-alkanes, cyclics, <2% aromatics Biodegradability : Result: Readily biodegradable.

Biodegradation: 89 % Exposure time: 28 d

Method: OECD Test Guideline 301F

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## 12.3 Bioaccumulative potential

## **Components:**

Propane

Partition coefficient: n-

octanol/water

: log Pow: 2,36

## 12.4 Mobility in soil

No data available

## 12.5 Results of PBT and vPvB assessment

Not relevant

### 12.6 Other adverse effects

## **Product:**

Additional ecological

information

: No data available

# **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.

Do not contaminate ponds, waterways or ditches with

chemical or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Empty containers should be taken to an approved waste

handling site for recycling or disposal. Do not re-use empty containers.

Do not burn, or use a cutting torch on, the empty drum.

# **SECTION 14: Transport information**

#### 14.1 UN number

ADN : UN 1950
ADR : UN 1950
RID : UN 1950
IMDG : UN 1950
IATA : UN 1950

### 14.2 UN proper shipping name

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ADN : AEROSOLS
ADR : AEROSOLS
RID : AEROSOLS
IMDG : AEROSOLS
IATA : AEROSOLS

### 14.3 Transport hazard class(es)

ADN : 2
ADR : 2
RID : 2
IMDG : 2.1
IATA : 2.1

# 14.4 Packing group

#### **ADN**

Packing group : Not assigned by regulation

Classification Code : 5F Labels : 2.1

#### **ADR**

Packing group : Not assigned by regulation

Classification Code : 5F Labels : 2.1 Tunnel restriction code : (D)

#### **RID**

Packing group : Not assigned by regulation

Classification Code : 5F Hazard Identification Number : 23 Labels : 2.1

#### **IMDG**

Packing group : Not assigned by regulation

Labels : 2.1 EmS Code : F-D, S-U

# IATA (Cargo)

Packing instruction (cargo : 203

aircraft)

Packing instruction (LQ) : Y203

Packing group : Not assigned by regulation

Labels : Flammable gas

# IATA (Passenger)

Packing instruction : 203

(passenger aircraft)

Packing instruction (LQ) : Y203

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Packing group Not assigned by regulation

Labels Flammable gas

#### 14.5 Environmental hazards

ADN

Environmentally hazardous no

Environmentally hazardous no

Environmentally hazardous no

**IMDG** 

Marine pollutant no

#### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

# **SECTION 15: Regulatory information**

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

Regulation (EC) No 1005/2009 on substances that

deplete the ozone layer

: Not applicable

Regulation (EC) No 850/2004 on persistent organic

Not applicable

REACH - List of substances subject to authorisation

(Annex XIV)

pollutants

Not applicable

REACH - Candidate List of Substances of Very High

Concern for Authorisation (Article 59).

Not applicable

Regulation (EC) No 649/2012 of the European

Parliament and the Council concerning the export and

import of dangerous chemicals

Not applicable

REACH - Restrictions on the manufacture, placing on Not applicable

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the market and use of certain dangerous substances, preparations and articles (Annex XVII)

Quantity 1 Quantity 2

8 Extremely flammable 10 t 50 t

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

P3a FLAMMABLE AEROSOLS 150 t 500 t

18 Liquefied extremely 50 t 200 t

flammable gases (including LPG) and natural gas

The components of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL

AICS : On the inventory, or in compliance with the inventory

ENCS : Not in compliance with the inventory

KECI: On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

TCSI : Not in compliance with the inventory

TSCA : On TSCA Inventory

#### **Inventories**

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

#### 15.2 Chemical safety assessment

No data available

# **SECTION 16: Other information**

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#### **Full text of H-Statements**

H220 : Extremely flammable gas. H226 : Flammable liquid and vapour.

H280 : Contains gas under pressure; may explode if heated.

H304 : May be fatal if swallowed and enters airways.

H336 : May cause drowsiness or dizziness.

H412 : Harmful to aquatic life with long lasting effects.

#### Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) aquatic hazard

Asp. Tox. : Aspiration hazard
Flam. Gas : Flammable gases
Flam. Liq. : Flammable liquids
Press. Gas : Gases under pressure

STOT SE : Specific target organ toxicity - single exposure

2004/37/EC : Europe. Directive 2004/37/EC on the protection of workers

from the risks related to exposure to carcinogens or mutagens

at work

2004/37/EC / TWA : Long term exposure limit

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN -Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS -Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP -Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO -International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC -No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD -Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID -Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high

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concern; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

#### Classification of the mixture:

#### Classification procedure:

Aerosol 1 H222, H229 Calculation method STOT SE 3 H336 Calculation method

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