

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 8/4/2020 Version: 1.0

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

#### 1.1. Product identifier

Product form : Substance

Substance name : CINNAMON OIL, LEAVES

EC-No. : 283-479-0 CAS-No. : 84649-98-9 Product code : 9778

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

#### 1.2.1. Relevant identified uses

Main use category : Industrial use

1.2.2. Uses advised against

Restrictions on use : Ultimate consumer use

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

#### Manufacturer/Supplier

FROMA ESANS ve AROMA SANAYI TICARET A.S Orhangazi Mah.Isiso San. Sit. 5.Yol Sok.No:23-25-27 34538 Esenyurt-Istanbul-TR

kalite@froma.com.tr

Further information obtainable from: Quality Assurance&Quality Control Department

#### 1.4. Emergency telephone number

Emergency number : +90 212 623 02 90

(Mon - Fri, 08:30 - 18:30 GMT+3)

# **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319
Skin sensitisation, Category 1 H317
Germ cell mutagenicity, Category 2 H341
Carcinogenicity, Category 1B H350
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of H statements : see section 16

# Adverse physicochemical, human health and environmental effects

May cause cancer. Suspected of causing genetic defects. May cause an allergic skin reaction. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

# 2.2. Label elements

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

Hazard pictograms (CLP) :





GHS07

GHS08

Signal word (CLP) : Danger

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hazard statements (CLP) : H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H341 - Suspected of causing genetic defects.

H350 - May cause cancer.

H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P201 - Obtain special instructions before use.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P308+P313 - IF exposed or concerned: Get medical advice/attention.
P321 - Specific treatment (see supplemental first aid instruction on this label).
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

# 2.3. Other hazards

No additional information available

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

#### 3.1. Substances

Name : Cinnamon Leaves Oil

CAS-No. : 84649-98-9 EC-No. : 283-479-0

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Cinnamon leaf oil	(CAS-No.) 84649-98-9 (EC-No.) 283-479-0	100	
Eugenol	(CAS-No.) 97-53-0 (EC-No.) 202-589-1	≥ 50 - < 80	Eye Irrit. 2, H319 Skin Sens. 1B, H317
beta-Caryophyllene	(CAS-No.) 87-44-5 (EC-No.) 201-746-1	≥ 2.5 – < 5	Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Chronic 4, H413
Benzyl benzoate	(CAS-No.) 120-51-4 (EC-No.) 204-402-9 (EC Index-No.) 607-085-00-9	≥ 2.5 - < 5	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Eugenyl acetate	(CAS-No.) 93-28-7 (EC-No.) 202-235-6	≥ 2.5 - < 5	Acute Tox. 4 (Oral), H302
Linalool	(CAS-No.) 78-70-6 (EC-No.) 201-134-4 (EC Index-No.) 603-235-00-2	≥ 2.5 - < 5	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
Cinnamaldehyde	(CAS-No.) 104-55-2 (EC-No.) 203-213-9	≥ 1 – < 2.5	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317
Safrole	(CAS-No.) 94-59-7 (EC-No.) 202-345-4 (EC Index-No.) 605-020-00-9	≥1-<2.5	Acute Tox. 4 (Oral), H302 Muta. 2, H341 Carc. 1B, H350
alpha-Pinene	(CAS-No.) 80-56-8 (EC-No.) 201-291-9	≥ 1 – < 2.5	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Eucalyptol	(CAS-No.) 470-82-6 (EC-No.) 207-431-5	≥ 0.1 – < 1	Flam. Liq. 3, H226 Skin Sens. 1B, H317
beta-Pinene	(CAS-No.) 127-91-3 (EC-No.) 204-872-5	≥ 0.1 – < 1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Camphene	(CAS-No.) 79-92-5 (EC-No.) 201-234-8	≥ 0.1 – < 1	Flam. Sol. 2, H228 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
delta-3-Carene	(CAS-No.) 13466-78-9 (EC-No.) 236-719-3	≥ 0.1 – < 1	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Isoeugenol	(CAS-No.) 97-54-1 (EC-No.) 202-590-7 (EC Index-No.) 604-094-00-X	≥ 0.1 – < 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1A, H317 STOT SE 3, H335
d-Limonene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7	< 0.1	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-statements: see section 16

# 3.2. Mixtures

Not applicable

# **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If the victim is unconscious

: Place the affected person in the recovery position. Allow affected person to breathe fresh

air. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash

occurs: Get medical advice/attention. Wash off with soap and plenty of water. Rinse skin

with water/shower.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of contact, immediately rinse eyes with plenty of water for at least 15 minutes.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

Treat symptomatically.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Carbon dioxide. For large fire: Water spray. Foam.

Unsuitable extinguishing media : Strong water jet.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released. fume.

#### 5.3. Advice for firefighters

Firefighting instructions : Move containers away from the fire area if this can be done without risk. Keep upwind. Use

water spray or fog for cooling exposed containers.

Protection during firefighting : Wear fire/flame resistant/retardant clothing. Do not attempt to take action without suitable

protective equipment. Self-contained breathing apparatus. Complete protective clothing.

Evacuate unnecessary personnel.

Other information : Do not allow run-off from fire fighting to enter drains or water courses.

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

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene. Avoid

breathing dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate area.

# 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters. Notify authorities if liquid enters sewers or public waters.

# 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or

public waters. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or

universal binding agents). Ensure adequate ventilation.

Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# **SECTION 7: Handling and storage**

### 7.1. Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Avoid contact with skin and eyes. Avoid breathing

Hygiene measures

: Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

dust/fume/gas/mist/vapours/spray. Prevent aerosol formation or splashes.

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

Storage conditions

: Store locked up. Store in a well-ventilated place. Keep cool. Keep only in original container. Keep container tightly closed.

### 7.3. Specific end use(s)

No additional information available

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

#### 8.1. Control parameters

No additional information available

#### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

## Personal protective equipment:

Gloves. Protective goggles.

#### Hand protection:

Chemically resistant protective gloves. Consult supplier for specific recommendations. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Breakthrough time: refer to the recommendations of the supplier

# Eye protection:

tightly fitting safety goggles

#### Skin and body protection:

Wear suitable protective clothing

# Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

### Personal protective equipment symbol(s):





# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### **Environmental exposure controls:**

Avoid release to the environment.

#### Consumer exposure controls:

Do not eat, drink or smoke during use. Take off immediately all contaminated clothing. Always wash hands after handling the product. Avoid contact with skin and eyes.

#### Other information:

Keep away from food, drink and animal feedingstuffs.

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

# 9.1. Information on basic physical and chemical properties

Physical state : Liquid

: No data available Colour Odour : No data available Odour threshold : No data available : No data available pН Relative evaporation rate (butylacetate=1) : No data available Melting point : Not applicable Freezing point : No data available Boiling point : No data available

Flash point : 90 °C

Auto-ignition temperature : No data available Decomposition temperature : No data available Flammability (solid, gas) : Not applicable Vapour pressure : No data available Relative vapour density at 20 °C : No data available Relative density No data available Solubility : insoluble in water. Partition coefficient n-octanol/water (Log Pow) : No data available Viscosity, kinematic : No data available Viscosity, dynamic : No data available : No data available Explosive properties : No data available Oxidising properties Explosive limits : No data available

# 9.2. Other information

No additional information available

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

# 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

# 10.5. Incompatible materials

No additional information available

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

 $Safety\ Data\ Sheet \\ according to\ Regulation\ (EC)\ No.\ 1907/2006\ (REACH)\ with\ its\ amendment\ Regulation\ (EU)\ 2015/830$ 

# **SECTION 11: Toxicological information**

11.1. Information on toxicological eff
--

: Not classified Acute toxicity (oral) Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified

Cinnamon	loof oil (	0.00 0.00
Cilillatiion	leai Oii G	04049-90-91

LD50 oral 2650 mg/kg bodyweight

### Fugenol (97-53-0)

agener (er ee e)		
LD50 oral	2500 mg/kg bodyweight	
ATE CLP (oral)	2500 mg/kg bodyweight	

# Benzyl benzoate (120-51-4)

LD50 oral	1500 mg/kg bodyweight		
LD50 dermal	4000 mg/kg bodyweight	J	
ATE CLP (oral)	1500 mg/kg bodyweight		
ATE CLP (dermal)	4000 mg/kg bodyweight		

# Eugenyl acetate (93-28-7)

LD50 oral	1670 mg/kg bodyweight	
ATE CLP (oral)	1670 mg/kg bodyweight	

# Linalool (78-70-6)

LD50 oral	2790 mg/kg bodyweight	
ATE CLP (oral)	2790 mg/kg bodyweight	

# Cinnamaldehyde (104-55-2)

LD50 oral	2500 mg/kg bodyweight	
LD50 dermal	1100 mg/kg bodyweight	
ATE CLP (oral)	2500 mg/kg bodyweight	
ATE CLP (dermal)	1100 mg/kg bodyweight	

# Safrole (94-59-7)

LD50 oral	1950 mg/kg bodyweight	
ATE CLP (oral)	1950 mg/kg bodyweight	

# alpha-Pinene (80-56-8)

LD50 oral	500 mg/kg bodyweight	
ATE CLP (oral)	500 mg/kg bodyweight	

# **Eucalyptol (470-82-6)**

The April ( 1997)		
LD50 oral	2480 mg/kg bodyweight	
ATE CLP (oral)	2480 mg/kg bodyweight	

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

delta-3-Carene (13466-78-9)		
LD50 oral	4800 mg/kg bodyweight	
LC50 inhalation rat (Dust/Mist - mg/l/4h)	1.5 mg/l/4h	
ATE CLP (oral)	4800 mg/kg bodyweight	
ATE CLP (gases)	4500 ppmv/4h	
ATE CLP (vapours)	11 mg/l/4h	
ATE CLP (dust,mist)	1.5 mg/l/4h	

Isoeugenol (97-54-1)		
LD50 oral	1500 mg/kg bodyweight	
LD50 dermal	1912 mg/kg bodyweight	
ATE CLP (oral)	1500 mg/kg bodyweight	
ATE CLP (dermal)	1912 mg/kg bodyweight	
ATE CLP (gases)	4500 ppmv/4h	
ATE CLP (vapours)	11 mg/l/4h	
ATE CLP (dust,mist)	1.5 mg/l/4h	

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Suspected of causing genetic defects.

Carcinogenicity : May cause cancer.

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

# **SECTION 12: Ecological information**

# 12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short-term : Not classified

(acute)

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

(chronic)
Not rapidly degradable

Additional information : Take all necessary technical measures to avoid or minimize the release of the product on

the workplace. Avoid release to the environment.

# 12.2. Persistence and degradability

No additional information available

# 12.3. Bioaccumulative potential

No additional information available

# 12.4. Mobility in soil

No additional information available

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

# 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

No additional information available

# **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Sewage disposal recommendations : Prevent entry to sewers and public waters. Product/Packaging disposal recommendations : Do not dispose of with domestic waste.

# **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard o	class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
4.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
4.5. Environmental haz	ards			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary informatio	n available			

# 14.6. Special precautions for user

# Overland transport

Not applicable

#### Transport by sea

Not applicable

### Air transport

Not applicable

# Inland waterway transport

Not applicable

## Rail transport

Not applicable

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

Not applicable



# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Cinnamon leaf oil is not on the REACH Candidate List

Cinnamon leaf oil is not on the REACH Annex XIV List

Cinnamon leaf oil is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals.

Cinnamon leaf oil is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

#### 15.1.2. National regulations

No additional information available

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

# **SECTION 16: Other information**

Abbreviations and acronyms:	
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
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

vPvB	Very Persistent and Very Bioaccumulative	
Data sources :	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 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. Supplier	
Training advice :	safety documents. ECHA (European Chemicals Agency).  Normal use of this product shall imply use in accordance with the instructions on the packaging.	

Full text of H- and EUH-statements	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 2	Flammable solids, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A
Skin Sens. 1B	Skin sensitisation, category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	$\propto$
H413	May cause long lasting harmful effects to aquatic life.	

### SDS EU (REACH Annex II)

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable

