

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 7/8/2024 Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture

Product name : Coconut Milk Mango Diffusers 2024
Product code : SKU: 45363051100, 45363051000

UFI : **ANF5-T035-R10Y-D91D** (4536305110, 4536305100)

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

#### 1.2.1. Relevant identified uses

No additional information available

#### 1.2.2. Uses advised against

No additional information available

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

Illume Candles 10501 Elm Creek Boulevard N Minneapolis, MN 55369 T (952) 885-9600 illumecandles.com

EU ADDRESS Bloomingville A/S Lene Haus Vej 3-5 DK-7430 Ikast www.bloomingville.com

#### 1.4. Emergency telephone number

Emergency number : Bloomingville no. +45 9626 4645. Office hours 8-16.00 Monday-Thursday. 8-14.00 Friday.

Danish Toxic line +45 8212 1212

## **SECTION 2: Hazards identification**

#### 2.1. Classification of the substance or mixture

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

Skin sensitization, Category 1 H317
Hazardous to the aquatic environment – Chronic Hazard Category 2 H411

Full text of H statements : see section 16

## Adverse physicochemical, human health and environmental effects

No additional information available

### 2.2. Label elements

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

Hazard pictograms (CLP)



GHS07



GHS09

Signal word (CLP) : Warning

Contains : D-Limonene; Linalool; Benzyl salicylate; Coumarin Hazard statements (CLP) : H317 - May cause an allergic skin reaction.

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H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.

P273 - Avoid release to the environment.

 ${\tt P280-Wear\ protective\ gloves/protective\ clothing/eye\ protection/face\ protection/hearing}$ 

protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse.

## 2.3. Other hazards

The mixture contains 2,6-Di-tert-butyl-p-cresol (CAS# 128-37-0) and Benzyl salicylate (CAS# 118-58-1) which are included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
D-Limonene	CAS-No.: 5989-27-5 EC-No.: 227-813-5 EC Index-No.: 601-029-00-7	3 – 7	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Linalool	CAS-No.: 78-70-6 EC-No.: 201-134-4 EC Index-No.: 603-235-00-2	0.1 – 1.5	Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Sens. 1B, H317
Benzyl salicylate	CAS-No.: 118-58-1 EC-No.: 204-262-9 EC Index-No.: 607-754-00-5	0.1 – 1.5	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Coumarin	CAS-No.: 91-64-5 EC-No.: 202-086-7	0.1 – 1.5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Skin Sens. 1, H317 Aquatic Chronic 2, H411

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

## **SECTION 4: First Aid measures**

#### 4.1. Description of first aid measures

First-aid measures general

: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation

: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if breathing is affected. If breathing is difficult, supply oxygen.

First-aid measures after skin contact

: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention.

First-aid measures after eye contact

: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.

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First-aid measures after ingestion

: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.

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

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

Symptoms/effects after eye contact : May cause eye irritation.

Symptoms/effects after ingestion : May cause gastrointestinal irritation.

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

No additional information available.

## **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Foam. Dry powder.

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

Fire hazard : Combustible liquid.

#### 5.3. Advice for firefighters

Precautionary measures fire : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking. Eliminate all ignition sources if safe to do so.

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any

chemical fire. Do not dispose of fire-fighting water in the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

Self-contained breathing apparatus.

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

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

General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained cleaning

personnel properly equipped with respiratory and eye protection.

6.1.1. For non-emergency personnel

Protective equipment : Wear protective equipment as described in section 8.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Approved supplied-air respirator, in case of emergency. Wear suitable protective clothing,

gloves and eye or face protection.

## 6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

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

For containment : Use only non-sparking tools. Contain any spills with dikes or absorbents to prevent

Methods for cleaning up : Eliminate ignition sources. Use only non-sparking tools. Soak up spills with inert solids, such

as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

migration and entry into sewers or streams. Prevent entry to sewers and public waters.

disposariii accordance with the waste regulations (see decition 15)

#### 6.4. Reference to other sections

See Sections 8 and 13.

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

## 7.1. Precautions for safe handling

Precautions for safe handling

: Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container closed when not in use. Avoid contact with skin and eyes. Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage conditions

: Store in original container. Keep container closed when not in use. Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep away from ignition sources. Store in a dry, cool and well-ventilated place.

## 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

#### 8.1.1. National occupational exposure and biological limit values

Naphtha, petroleum, hydrotreated heavy (64742-48-9)		
Germany - Occupational Exposure Limits (TRGS 900)		
AGW (OEL TWA) [1]	300 mg/m³	
AGW (OEL TWA) [2]	50 ppm	
AGW (OEL C)	600 mg/m³	
AGW (OEL C) [ppm]	100 ppm	
Poland - Occupational Exposure Limits		
NDS (OEL TWA)	300 mg/m³ (varnish)	
NDSCh (OEL STEL)	900 mg/m³	
Portugal - Occupational Exposure Limits		
Chemical category	A2 - Suspected Human Carcinogen	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	300 mg/m³	
MAK (OEL TWA) [2]	50 ppm	
KZGW (OEL STEL)	600 mg/m³	
KZGW (OEL STEL) [ppm]	100 ppm	
D-Limonene (5989-27-5)		
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	140 mg/m³	
HTP (OEL TWA) [2]	25 ppm	
HTP (OEL STEL)	50 mg/m³ (15 min. average)	
HTP (OEL STEL) [ppm]	280 ppm (15 min. average)	
Germany - Occupational Exposure Limits (TRGS 900)		
AGW (OEL TWA) [1]	28 mg/m³ (skin)	

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D-Limonene (5989-27-5)		
AGW (OEL TWA) [2]	5 ppm (skin)	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	168 mg/m³ (skin)	
VLA-ED (OEL TWA) [2]	30 ppm (skin)	
Norway - Occupational Exposure Limits		
Grenseverdi (OEL TWA) [1]	140 mg/m³	
Grenseverdi (OEL TWA) [2]	25 ppm	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	40 mg/m³	
MAK (OEL TWA) [2]	7 ppm	
KZGW (OEL STEL)	80 mg/m³	
KZGW (OEL STEL) [ppm]	14 ppm	
USA - ACGIH - Occupational Exposure Limits		
Remark (ACGIH)	OELs not established	
2,6-Di-tert-butyl-p-cresol (128-37-0)		
Austria - Occupational Exposure Limits		
MAK (OEL TWA)	10 mg/m³	
Belgium - Occupational Exposure Limits		
OEL TWA	2 mg/m³ (aerosol and vapor)	
Bulgaria - Occupational Exposure Limits		
OEL TWA	10 mg/m³	
OEL STEL	50 mg/m³	
Croatia - Occupational Exposure Limits		
GVI (OEL TWA) [1]	10 mg/m³	
Denmark - Occupational Exposure Limits		
OEL TWA [1]	10 mg/m³	
OEL STEL	20 mg/m³	
Finland - Occupational Exposure Limits		
HTP (OEL TWA) [1]	10 mg/m³	
HTP (OEL STEL)	20 mg/m³	
France - Occupational Exposure Limits		
VME (OEL TWA)	10 mg/m³	
Germany - Occupational Exposure Limits (TRGS 900)		
AGW (OEL TWA) [1]	10 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)	
Greece - Occupational Exposure Limits		
OEL TWA	10 mg/m³	
Ireland - Occupational Exposure Limits		
OEL TWA [1]	2 mg/m³	

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2,6-Di-tert-butyl-p-cresol (128-37-0)		
OEL STEL	6 mg/m³ (calculated)	
Portugal - Occupational Exposure Limits		
OEL TWA	2 mg/m³ (inhalable fraction; vapor)	
Chemical category	A4 - Not Classifiable as a Human Carcinogen	
Slovenia - Occupational Exposure Limits		
OEL TWA	10 mg/m³ (inhalable fraction)	
OEL STEL	40 mg/m³ (inhalable fraction)	
Spain - Occupational Exposure Limits		
VLA-ED (OEL TWA) [1]	10 mg/m³	
United Kingdom - Occupational Exposure Limits		
WEL TWA (OEL TWA) [1]	10 mg/m³	
WEL STEL (OEL STEL)	30 mg/m³ (calculated)	
Switzerland - Occupational Exposure Limits		
MAK (OEL TWA) [1]	10 mg/m³ (no elevated carcinogenic risk by keeping the MAK-value-aerosol, inhalable dust, vapour)	
KZGW (OEL STEL)	40 mg/m³ (aerosol, inhalable dust, vapour)	
Chemical category	Category C1B carcinogen carcinogenic with threshold value	
USA - ACGIH - Occupational Exposure Limits		
Local name	Butylated hydroxytoluene	
ACGIH OEL TWA	2 mg/m³ (IFV - Inhalable fraction and vapor)	
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)	
ACGIH chemical category	Not Classifiable as a Human Carcinogen	
Regulatory reference	ACGIH 2024	

## 8.1.2. Recommended monitoring procedures

No additional information available

### 8.1.3. Air contaminants formed

No additional information available

# 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

## Appropriate engineering controls:

Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

## 8.2.2. Personal protection equipment

## Personal protective equipment:

Gloves. Protective goggles. Protective clothing.

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







#### 8.2.2.1. Eye and face protection

#### Eye protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles [EN 166]

#### 8.2.2.2. Skin protection

#### Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure. [EN 14605:2005 and EN 13034:2005]

#### Hand protection:

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

Where vapor, mist, or dust exceed PELs or other applicable OELs, use the approved dust/particulate respiratory protective equipment European Standard [EN 529:2005]

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

No additional information available

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

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

Physical state : Liauid Color : Not available Odor : Characteristic. Odor threshold : Not available Melting point : Not available Freezing point : Not available Boiling point : Not available Flammability : Not available **Explosion limits** : Not available Lower explosive limit (LEL) : Not available Upper explosive limit (UEL) : Not available : 152 °F / 67 °C Flash point : Not available Auto-ignition temperature : Not available Decomposition temperature : Not available рΗ Viscosity, kinematic : Not available Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapor pressure : Not available Vapor pressure at 50°C : Not available Density : Not available : Not available Relative density Relative vapor density at 20°C : Not available Particle size : Not applicable Particle size distribution : Not applicable Particle shape : Not applicable

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Particle aspect ratio : Not applicable
Particle aggregation state : Not applicable
Particle agglomeration state : Not applicable
Particle specific surface area : Not applicable
Particle dustiness : Not applicable

#### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

No additional information available

# **SECTION 10: Stability and reactivity**

## 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

#### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

## 10.3. Possibility of hazardous reactions

None under normal use.

#### 10.4. Conditions to avoid

Ignition sources. Heat. Sparks. Open flame. Static electricity.

## 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

Carbon oxides (CO, CO2).

## **SECTION 11: Toxicological information**

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

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

Acute toxiony (initialation)	Not diagonica	
D-Limonene (5989-27-5)		
LD50 oral rat	4400 mg/kg	
LD50 dermal rabbit	> 5000 mg/kg	
Benzyl salicylate (118-58-1)		
LD50 oral rat	2227 mg/kg Source: IUCLID	
LD50 oral	2200 mg/kg body weight	
LD50 dermal rabbit	14150 mg/kg Source: IUCLID	
Linalool (78-70-6)		
LD50 oral rat	2790 mg/kg (Source: NLM_CIP)	
LD50 oral	2790 mg/kg body weight	
LD50 dermal rat	5610 mg/kg	

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Linalool (78-70-6)	
LD50 dermal rabbit	5610 mg/kg (Source: ECHA_API)
LC50 Inhalation - Rat	3.2 mg/l 1 h; Mouse
Coumarin (91-64-5)	
LD50 oral rat	> 5000 mg/kg
LD50 oral	500 mg/kg body weight
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

## 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties

: The mixture contains 2,6-Di-tert-butyl-p-cresol (CAS# 128-37-0) and Benzyl salicylate (CAS# 118-58-1) which are included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

#### 11.2.2. Other information

No information available.

## **SECTION 12: Ecological information**

## 12.1. Toxicity

Ecology - general : No information available

Hazardous to the aquatic environment, short–term (acute) : Not classified

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

#### 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

## 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: The mixture contains 2,6-Di-tert-butyl-p-cresol (CAS# 128-37-0) and Benzyl salicylate (CAS# 118-58-1) which are included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

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#### 12.7. Other adverse effects

Other adverse effects : No data available

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control

authorities. No discharge to surface waters is allowed without an NPDES permit.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the

product to be released into the environment.

## **SECTION 14: Transport information**

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

#### 14.1. UN number or ID number

UN-No. (ADR) : Not regulated UN-No. (IMDG) : Not regulated UN-No. (IATA) : Not regulated UN-No. (ADN) : Not regulated UN-No. (RID) : Not regulated

## 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

## 14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

## 14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes

Other information : No supplementary information available

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#### 14.6. Special precautions for user

#### **Overland transport**

Not applicable

#### Transport by sea (IMDG)

Not applicable

#### Air transport (IATA)

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance

Contains no REACH Annex XIV substances.

Contains no substance 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.

Contains no substance(s) 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

All chemical substances in this product are listed as "Active" in the EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active-Inactive) Requirements Rule" ("the Final Rule") as of Feb. 2019 or are otherwise exempt.

All chemical substances in this product are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL) or are exempt

#### Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1)

Hazardous Incident Ordinance (12. BImSchV) : Is not subject to the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen : Naphtha, petroleum, hydrotreated heavy is listed SZW-lijst van mutagene stoffen : Naphtha, petroleum, hydrotreated heavy is listed

SZW-lijst van reprotoxische stoffen – Borstvoeding  $\phantom{a}$ : None of the components are listed

SZW-lijst van reprotoxische stoffen – : None of the components are listed

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

Denmark

Danish National Regulations : Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with

ne product

The requirements from the Danish Working Environment Authorities regarding work with

carcinogens must be followed during use and disposal

Switzerland

Storage class (LK) : LK 10/12 - Liquids

#### 15.2. Chemical safety assessment

No additional information available

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## **SECTION 16: Other information**

Abbreviations and acronyms		
ACGIH	American Conference of Government Industrial Hygienists	
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	
CAS-No.	Chemical Abstract Service number	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
DNEL	Derived-No Effect Level	
EC50	Median effective concentration	
EC-No.	European Community number	
ED	Endocrine disrupting properties	
EN	European Standard	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LD50	Median lethal dose	
OEL	Occupational Exposure Limit	
OSHA	Occupational Safety and Health Administration	
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	
STOT	Specific target organ toxicity	
TRGS	Technical Rules for Hazardous Substances	
vPvB	Very Persistent and Very Bioaccumulative	
WGK	Water Hazard Class	

Data sources

: Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Classification for the USA in accordance with 29 CFR 1910.1200 (2012).

Classification for the EU in accordance with 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.

ECHA (European Chemicals Agency).

Training advice : Normal use of this product shall imply

: Normal use of this product shall imply use in accordance with the instructions for use and  $% \left( 1\right) =\left( 1\right) \left( 1\right) +\left( 1\right) \left( 1\right) \left( 1\right) +\left( 1\right) \left( 1\right)$ 

corresponding product packaging.

Indication of changes:

Revision 1.0: New SDS Created.

Other information : Author: JAD.

SDS Prepared for Illume by: Pace Analytical Services, Inc. Product Regulatory Services Group 1800 Elm Street Minneapolis, MN 55414

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United States 612-656-1175 paceSDS@pacelabs.com

Full text of H- and EUH	I-phrases
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhalation) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) 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
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids Category 3
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization, Category 1
Skin Sens. 1B	Skin sensitization, Category 1B
H226	Flammable liquid and vapor.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
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.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]		
Skin Sens. 1	H317	Concentration limits
Aquatic Chronic 2	H411	Calculation method

Safety Data Sheet (SDS), EU

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