

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name	Tork Floral Air Freshener Tabs
Article number	236015
UFI:	R5GD-5F3W-861Y-E365

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

Identified uses	For professional use Air freshener
Uses that are advised against	Not indicated

1.3. Details of the supplier of the safety data sheet

Company	Essity Hygiene and Health AB (previously SCA Hygiene Products AB) SE-40503 Göteborg Sweden
Telephone	+46 (0)31 746 00 00 +44 1 582 677 400
E-mail	info@essity.com
Website	www.essity.com

1.4. Emergency telephone number

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Skin Irrit. 2, H315
Eye Dam. 1, H318
Aquatic Chronic 3, H412
(See section 16)

2.2. Label elements

Hazard pictogram



Signal word	Danger
Hazard statements	
H315	Causes skin irritation
H318	Causes serious eye damage
H412	Harmful to aquatic life with long lasting effects
Precautionary statements	
P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P264	Wash hands thoroughly after handling
P273	Avoid release to the environment
P280	Wear protective gloves and eye protection
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310	Immediately call a POISON CENTER
P501	Dispose of contents and container to authorised waste disposal facility

Supplemental hazard information

EUH208 Contains OXACYCLOHEPTADEC-10-EN-2-ONE; 3,7-DIMETHYLNONA-1,6-DIEN-3-OL; REACTION MASS OF CIS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL AND TRANS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL; 1-(1,2,3,5,6,7,8,8A-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE; COUMARIN; NOPYL ACETATE; 3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE; LINALOOL; CITRAL; LINALYL ACETATE; METHYL CINNAMATE; DIMETHYLCYCLOHEX-3-ENE-1-CARBALDEHYDE; 3-(P-ETHYLPHENYL)-2,2-DIMETHYLPROPIONALDEHYDE. May produce an allergic reaction.

2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

The product consists of a perfume impregnated plate. The safety data sheet is only based on the perfume in the product.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
DIPROPYLENE GLYCOL METHYL ETHER		
CAS No: 34590-94-8 EC No: 252-104-2 REACH: 01-2119450011-60		≥20 - <30 %
2,6-DIMETHYLOCTAN-2-OL		
CAS No: 18479-57-7 EC No: 242-361-9 REACH: 01-2120756111-66	Skin Irrit. 2, Eye Irrit. 2; H315, H319	≥20 - <30 %

2-PHENOXYETHANOL		
CAS No: 122-99-6 EC No: 204-589-7 Index No: 603-098-00-9 REACH: 01-2119488943-21	Acute Tox. 4, Eye Dam. 1, STOT SE 3; H302, H318, H335	≥3 - <10 %
4-(2,6,6-TRIMETHYLCYCLOHEX-2-ENE-1-YL)-BUT-3-ENE-2-ONE		
CAS No: 127-41-3 EC No: 204-841-6	Aquatic Chronic 3; H412	≥2.5 - <10 %
TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, MIXED ISOMERS (cis AND trans)		
CAS No: 63500-71-0 EC No: 405-040-6 Index No: 603-101-00-3	Eye Irrit. 2; H319	≥1 - <10 %
3-METHYL-5-PHENYLPENTANOL		
CAS No: 55066-48-3 EC No: 259-461-3	Acute Tox. 4; H302	≥1 - <10 %
2,6-DIMETHYLOCT-7-EN-2-OL AND 2,6-DIMETHYLOCT-7-EN-2-YL FORMATE		
CAS No: 25279-09-8 EC No: 915-335-6 REACH: 01-2120797632-43	Skin Irrit. 2, Eye Irrit. 2; H315, H319	≥1 - <10 %
OXACYCLOHEPTADEC-10-EN-2-ONE		
CAS No: 28645-51-4 EC No: 814-308-5 REACH: 01-2120768557-38	Skin. Sens. 1B, Aquatic Acute 1; H317, H400	≥0.25 - <1 %
UNDECAN-2-ONE		
CAS No: 112-12-9 EC No: 203-937-5 REACH: 01-2120761250-65	Aquatic Acute 1, Aquatic Chronic 3; H400, H412	≥0.25 - <1 %
3,7-DIMETHYLNONA-1,6-DIEN-3-OL		
CAS No: 10339-55-6 EC No: 233-732-6	Skin Irrit. 2, Eye Irrit. 2, Skin. Sens. 1B; H315, H319, H317	≥0.1 - <1 %
REACTION MASS OF CIS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL AND TRANS-4-(ISOPROPYL)CYCLOHEXANEMETHANOL		
CAS No: 5502-75-0 EC No: 237-539-8 REACH: 01-2119983532-32	Skin Irrit. 2, Skin. Sens. 1B; H315, H317	≥0.1 - <1 %
1-(1,2,3,5,6,7,8,8A-OCTAHYDRO-2,3,8,8-TETRAMETHYL-2-NAPHTHYL)ETHAN-1-ONE		
CAS No: 68155-66-8 EC No: 915-730-3 REACH: 01-2119489989-04	Skin Irrit. 2, Skin. Sens. 1B, Aquatic Chronic 2; H315, H317, H411	≥0.25 - <1 %
4-(TRICYCLO[5.2.1.0_{2,6}]DEC-8-YLIDENE)BUTYRALDEHYDE		
CAS No: 30168-23-1 EC No: 250-078-7 REACH: 01-2120737968-34	Acute Tox. 4, Skin Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1; H332, H315, H400, H410	≥0.25 - <1 %
COUMARIN		
CAS No: 91-64-5 EC No: 202-086-7	Acute Tox. 4, Skin. Sens. 1B; H302, H317	≥0.1 - <1 %
NOPYL ACETATE		
CAS No: 128-51-8 EC No: 204-891-9	Eye Irrit. 2, Skin. Sens. 1B, Aquatic Chronic 2; H319, H317, H411	≥0.25 - <1 %

3-METHYL-4-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE		
CAS No: 127-51-5 EC No: 204-846-3	Skin. Sens. 1B, Aquatic Chronic 2; H317, H411	≥0.1 - <0.25 %
LINALOOL		
CAS No: 78-70-6 EC No: 201-134-4 Index No: 603-235-00-2 REACH: 01-2119474016-42	Skin Irrit. 2, Eye Irrit. 2, Skin. Sens. 1B; H315, H319, H317	≥0.1 - <1 %
CITRAL		
CAS No: 5392-40-5 EC No: 226-394-6 Index No: 605-019-00-3 REACH: 01-2119462829-23	Skin Irrit. 2, Eye Irrit. 2, Skin. Sens. 1; H315, H319, H317	≥0.1 - <1 %
LINALYL ACETATE		
CAS No: 115-95-7 EC No: 204-116-4	Skin Irrit. 2, Eye Irrit. 2, Skin. Sens. 1B; H315, H319, H317	≥0.1 - <1 %
METHYL CINNAMATE		
CAS No: 103-26-4 EC No: 203-093-8	Skin. Sens. 1B; H317	≥0.1 - <1 %
DIMETHYLCYCLOHEX-3-ENE-1-CARBALDEHYDE		
CAS No: 27939-60-2 EC No: 248-742-6	Skin Irrit. 2, Skin. Sens. 1B, Aquatic Chronic 2; H315, H317, H411	≥0.1 - <0.25 %
3-(P-ETHYLPHENYL)-2,2-DIMETHYLPROPIONALDEHYDE		
CAS No: 67634-15-5 EC No: 266-819-2	Skin Irrit. 2, Skin. Sens. 1B, Aquatic Acute 1, Aquatic Chronic 2; H315, H317, H400, H411	≥0.1 - <0.25 %
ALLYL (3-METHYLBUTOXY)ACETATE		
CAS No: 67634-00-8 EC No: 266-803-5	Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2; H330, H302, H315	≥0.1 - <1 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Generally

In case of concern, or if symptoms persist, call a doctor/physician.

Upon breathing in

Fresh air and rest. If symptoms persist seek medical advice.

Upon eye contact

Remove contact lenses immediately if possible.

Flush immediately with luke-warm water for 15 - 20 minutes with wide-open eyes. Transport the injured person to a hospital immediately.

Important! Also flush during transport to hospital (eye specialist).

Upon skin contact

Remove contaminated clothes.

Wash the skin with soap and water.

If symptoms occur, contact a physician.

Upon ingestion

Rinse mouth out thoroughly first with water, then SPIT OUT the rinse water. Drink at least half a litre of water and seek medical advice. DO NOT INDUCE VOMITING.

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

Upon eye contact

- Irritation.
- Smarting pain.
- Causes serious eye damage.

Upon skin contact

- Irritation.
- Allergic reactions can occur in sensitized individuals.

Upon ingestion

- May cause irritation of mucous membranes, nausea and vomiting.

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

- Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Recommended extinguishing agents

- Extinguish with powder, carbon dioxide or foam.

Unsuitable extinguishing agents

- May not be extinguished with water dispersed under high pressure.

5.2. Special hazards arising from the substance or mixture

- In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed.

5.3. Advice for firefighters

- Protective measures should be taken regarding other material at the site of the fire.
- In case of fire use proper breathing apparatus.
- Wear full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

- Use recommended safety equipment, see section 8.
- Avoid inhalation and exposure to skin and eyes.
- Ensure good ventilation.

6.2. Environmental precautions

- Avoid release to drains, soil or watercourses.

6.3. Methods and material for containment and cleaning up

- Small spills can be wiped up with a cloth or similar. Then flush the spill site with water. Larger spills should first be covered with sand or earth and then be collected. Collected material should be disposed according to Section 13.

6.4. Reference to other sections

- See section 8 and 13 for personal protection equipment and disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

- Store this product separately from food items and keep it out of the reach of children and pets.
- The usual precautions for handling chemicals should be observed.
- Avoid spillage and contact with eyes and skin.
- Work in order to avoid spillage. If spillage does occur, address it immediately in accordance with the directions specified in Section 6 of this safety data sheet.
- Do not eat, drink or smoke in premises where this product is handled.
- Wash your hands after using the product.
- Remove contaminated clothing.
- Wash contaminated clothing before reuse.
- Use recommended safety equipment, see section 8.
- Implement appropriate engineering controls if necessary, see Section 8.

7.2. Conditions for safe storage, including any incompatibilities

- The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.
- This product should be stored well out of reach of young children and kept safely apart from products intended for consumption.
- Always use sealed and visibly labeled packages.
- Store in dry and cool area.
- Take the necessary preventive and protective measures for safe storage.

7.3. Specific end use(s)

- See identified uses in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. National limit values

DIPROPYLENE GLYCOL METHYL ETHER

United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 50 ppm / 308 mg/m³

Note Sk

Explanations of abbreviations are given in Section 16b

DNEL

DIPROPYLENE GLYCOL METHYL ETHER

	Type of exposure	Route of exposure	Value
Consumer	Chronic Systemic	Inhalation	37.2 mg/m ³
Worker	Chronic Systemic	Dermal	283 mg/kg bw
Worker	Chronic Systemic	Inhalation	308 mg/m ³
Consumer	Chronic Systemic	Oral	36 mg/kg bw
Consumer	Chronic Systemic	Dermal	121 mg/kg bw

2-PHENOXYETHANOL

	Type of exposure	Route of exposure	Value
Worker	Chronic Systemic	Dermal	34.72 mg/kg bw
Worker	Chronic Systemic	Inhalation	8.07 mg/m ³
Consumer	Chronic Systemic	Dermal	20.83 mg/kg bw

TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, MIXED ISOMERS (cis AND trans)

	Type of exposure	Route of exposure	Value
Consumer	Chronic Systemic	Inhalation	13 mg/m ³
Worker	Chronic Systemic	Dermal	41.7 mg/kg bw
Worker	Chronic Systemic	Inhalation	44.1 mg/m ³
Consumer	Chronic Systemic	Oral	7.5 mg/kg bw
Consumer	Chronic Systemic	Dermal	25 mg/kg bw

LINALOOL

	Type of exposure	Route of exposure	Value
Consumer	Chronic Systemic	Inhalation	0.7 mg/m ³
Worker	Chronic Systemic	Dermal	2.5 mg/kg bw
Worker	Acute Local	Dermal	3 mg/cm ²
Worker	Acute Systemic	Inhalation	16.5 mg/m ³
Worker	Acute Systemic	Dermal	5 mg/kg bw
Worker	Chronic Local	Dermal	3 mg/cm ²
Worker	Chronic Systemic	Inhalation	2.8 mg/m ³
Consumer	Acute Local	Dermal	1.5 mg/cm ²
Consumer	Acute Systemic	Oral	1.2 mg/kg bw
Consumer	Acute Systemic	Inhalation	4.1 mg/m ³
Consumer	Acute Systemic	Dermal	2.5 mg/kg bw
Consumer	Chronic Local	Dermal	1.5 mg/cm ²
Consumer	Chronic Systemic	Oral	0.2 mg/kg bw
Consumer	Chronic Systemic	Dermal	1.25 mg/kg bw

CITRAL

	Type of exposure	Route of exposure	Value
Consumer	Chronic Systemic	Inhalation	2.7 mg/m ³
Worker	Chronic Systemic	Dermal	1.7 mg/kg bw
Worker	Chronic Local	Dermal	0.14 mg/kg bw

Worker	Chronic Systemic	Inhalation	9 mg/m ³
Consumer	Chronic Local	Dermal	0.14 mg/cm ²
Consumer	Chronic Systemic	Oral	0.6 mg/kg bw
Consumer	Chronic Systemic	Dermal	1 mg/kg bw

PNEC

DIPROPYLENE GLYCOL METHYL ETHER

Environmental protection target	PNEC value
Fresh water	19 mg/L
Freshwater sediments	190 mg/kg dw
Marine water	1.9 mg/L
Marine sediments	7.02 mg/kg dw
Microorganisms in sewage treatment	4168 mg/L
Soil (agricultural)	2.74 mg/kg dw
Intermittent	190 mg/L

LINALOOL

Environmental protection target	PNEC value
Fresh water	200 µg/L
Freshwater sediments	2.22 mg/kg dw
Marine water	20 µg/L
Marine sediments	0.222 mg/kg dw
Microorganisms in sewage treatment	10 mg/L
Intermittent	2 mg/L

CITRAL

Environmental protection target	PNEC value
Fresh water	0.00678 mg/L
Freshwater sediments	0.125 mg/kg
Marine water	0.0067 mg/L
Marine sediments	0.0125 mg/kg
Microorganisms in sewage treatment	1.6 mg/L
Soil (agricultural)	0.0209 mg/kg dw
Intermittent	0.0678 mg/L

8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

8.2.1. Appropriate engineering controls

The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source.

Eye-rinsing facilities shall be available at the workplace.

Eye/face protection

Use protective glasses with tight seals according to standard EN166.

Skin protection

Use suitable protective clothing.

Use protective gloves fulfilling the standard EN374 if there is a risk of direct contact.

During continuous contact use gloves with a minimum breakthrough time of at least 240 minutes, preferably over 480 minutes.

The most suitable protective glove should be chosen in consultation with the glove supplier, taking into account the risk assessment for the specific task and the properties of the chemicals involved. Note that the breakthrough time of the material is affected by the duration of the exposure, temperature conditions, abrasion, etcetera.

Based on the chemical properties of the product, the following glove materials are recommended (EN 374):.

Glove material	Glove thickness	Breakthrough time
Nitrile rubber	≥ 0,38 mm	≥ 60 min

Respiratory protection

Respiratory protective equipment is not normally required when working with this product, given that adequate ventilation is provided.

The most appropriate respiratory protective equipment should be decided in consultation with the appointed safety representative, taking into account the risk assessment for the specific task.

8.2.3. Environmental exposure controls

Work with the product should take place in such a way that the product does not get into soils and waterways.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

(a) Physical state	solid Form: liquid
(b) Colour	colourless to pale yellow
(c) Odour	floral
(d) Melting point/freezing point	Not indicated
(e) Boiling point or initial boiling point and boiling range	Not indicated
(f) Flammability	Not indicated
(g) Lower and upper explosion limit	Not indicated
(h) Flash point	87 °C
(i) Auto-ignition temperature	Not indicated
(j) Decomposition temperature	Not indicated
(k) pH	Not indicated
(l) Kinematic viscosity	Not indicated
(m) Solubility	Not indicated
(n) Partition coefficient n-octanol/water (log value)	Not indicated
(o) Vapour pressure	0.14 hPa
(p) Density and/or relative density	0.8850 - 0.8950
(q) Relative vapour density	Not indicated
(r) Particle characteristics	Not indicated

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not indicated

9.2.2. Other safety characteristics

Not indicated

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

Avoid heat, sparks and open flames.

10.5. Incompatible materials

Avoid contact with acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

Acute toxicity

The product is not classified as acutely toxic.

DIPROPYLENE GLYCOL METHYL ETHER

LD50 rabbit 24h: > 19000 mg/kg Dermally

LD50 rat 24h: 5130 mg/kg Orally

LC50 rat 7h: > 1.667 mg/l Inhalation

2-PHENOXYETHANOL

ATE : 1394 mg/kg Orally

TETRAHYDRO-2-ISOBUTYL-4-METHYLPYRAN-4-OL, MIXED ISOMERS (cis AND trans)

LD50 rat 24h: > 5000 mg/kg Orally

LINALOOL

LD50 rabbit 24h: 5610 mg/kg Dermally

LD50 rat 24h: 2790 mg/kg Orally

Skin corrosion/irritation

Irritant to skin.

Serious eye damage/irritation

Strong irritant with danger of severe eye injury.

Respiratory or skin sensitisation

The product is not classified as sensitising.

May cause an allergic reaction in sensitised people.

Germ cell mutagenicity

The product is not classified as mutagen.

Carcinogenicity

The product is not classified as carcinogenic.

Reproductive toxicity

The product is not classified as a reproductive toxicant.

STOT-single exposure

The product is not classified for specific organ toxicity after single exposure.

STOT-repeated exposure

The product is not classified for specific organ toxicity after repeated exposure.

Aspiration hazard

The product is not classified as being toxic for aspiration.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

11.2.2. Other information

Not indicated.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Prevent release on land, in water and drains.

DIPROPYLENE GLYCOL METHYL ETHER

LC50 fathead minnow (*Pimephales promelas*) 96h: > 10000 mg/l

LC50 Freshwater water flea (*Daphnia magna*) 48h: 5000 mg/L

EC50 Freshwater water flea (*Daphnia magna*) 48 h: > 1919 mg/l

LC50 Fish 96h: > 150 mg/L

NOEC Freshwater water flea (*Daphnia magna*) 21d: 0.5 mg/L

EC50 Algae (*Pseudokirchneriella subcapitata*) 96h: 969 mg/L

EC10 *Pseudomonas* (*Pseudomonas putida*) 18 h: 4168 mg/L

LC50 Guppy (*Poecilia reticulata*) 96h: > 1000 mg/L

LC50 Fish 4d: 1 g/L

LINALOOL

LC50 Fish 96h: 27.8 mg/l

EC50 Freshwater water flea (*Daphnia magna*) 48h: 59 mg/l

12.2. Persistence and degradability

There is no information regarding persistence or degradability.

12.3. Bioaccumulative potential

There is no information regarding bioaccumulation.

12.4. Mobility in soil

Information about mobility in nature is not available.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

12.7. Other adverse effects

Data lacking.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste handling of the product

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.

See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

Avoid discharge into sewers.

SECTION 14: TRANSPORT INFORMATION

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number or ID number

Not classified as dangerous goods

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

14.8 Other transport information

Not applicable

SECTION 15: REGULATORY INFORMATION

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

Not indicated.

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

SECTION 16: OTHER INFORMATION

16a. Indication of where changes have been made to the previous version of the safety data sheet

Revisions of this document

Earlier versions

2022-10-14 Changes in section(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13.

16b. Legend to abbreviations and acronyms used in the safety data sheet

Full texts for Hazard Class and Category Code mentioned in section 3

Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2 - Eye Irrit. 2, H319 - Causes serious eye irritation
Acute Tox. 4	Acute toxicity (oral), Hazard Category 4 - Acute Tox. 4, H302 - Harmful if swallowed
Eye Dam. 1	Serious eye damage/eye irritation, Hazard Category 1 - Eye Dam. 1, H318 - Causes serious eye damage
STOT SE 3	Specific target organ toxicity — Single exposure, Hazard Category 3, Respiratory tract irritation - STOT SE 3, H335 - May cause respiratory irritation
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3 - Aquatic Chronic 3, H412 - Harmful to aquatic life with long lasting effects
Skin. Sens. 1B	Respiratory or skin sensitisation, Sensitisation — Skin, hazard category 1B - Skin. Sens. 1B, H317 - May cause an allergic skin reaction
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1 - Aquatic Acute 1, H400 - Very toxic to aquatic life
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2 - Aquatic Chronic 2, H411 - Toxic to aquatic life with long lasting effects
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1 - Aquatic Chronic 1, H410 - Very toxic to aquatic life with long lasting effects
Skin. Sens. 1	Respiratory or skin sensitisation, Sensitisation — Skin, hazard category 1 - Skin. Sens. 1, H317 - May cause an allergic skin reaction
Acute Tox. 2	Acute toxicity (inhal.), Hazard Category 2 - Acute Tox. 2, H330 - Fatal if inhaled

Explanations of the abbreviations in Section 8 United Kingdom

Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity

Explanations of the abbreviations in Section 14

ADR European Agreement concerning the International Transport of Dangerous Goods by Road

RID Regulations concerning the International Transport of Dangerous Goods by Rail

IMDG International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)

IATA The International Air Transport Association

16c. Key literature references and sources for data

Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I , as updated to 2022-12-17.

Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006 REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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

1272/2008 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

2008/98/EC DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I , where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI .

16e. List of relevant hazard statements and/or precautionary statements

Full texts for hazard statements mentioned in section 3

H315 Causes skin irritation

H319 Causes serious eye irritation

H302 Harmful if swallowed

H318 Causes serious eye damage

H335 May cause respiratory irritation

H412 Harmful to aquatic life with long lasting effects

H317 May cause an allergic skin reaction

H400 Very toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects

H332 Harmful if inhaled

H410 Very toxic to aquatic life with long lasting effects

H330 Fatal if inhaled

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment

Warning for misuse

Not indicated.

Other relevant information

Not indicated

Editorial information



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