Safety Data Sheet
AIR OFF-SEASON

Safety Data Sheet dated 16/9/2022, version 2

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

1.1. Product identifier

Mixture identification

Trade name: AIR OFF-SEASON

UFI: EDE3-10RD-S00C-8SVF

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

Recommended use:

Air freshener for environments.

Professional use (SU22) - Air care products (PC3)

Uses advised against:

Different uses than recommended. Do not use in combination with other products.

1.3. Details of the supplier of the safety data sheet

Manufacturer:

SUTTER INDUSTRIES s.p.a. - Società con Unico Socio

15060 Borghetto Borbera (AL) Italia

Tel. +39 0143 631.1

Competent person responsible for the safety data sheet:

regulatory.affairs@sutter.it

1.4. Emergency telephone number

+39 0143 631.1 mon-fri 9.00/17.00

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: may burst if heated.

Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:

Danger

Hazard statements:

H222, H229 Extremely flammable aerosol. Pressurized container: may burst if heated.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P102 Keep out of reach of children.

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

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

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

Special Provisions:

EUH210 Only for professional use. Safety data sheet available on request.

Special provisions according to Annex XVII of REACH and subsequent amendments:

Restricted to professional users.

2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

Not Applicable, the product is a mixture.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

>= 3% - < 5% HYDROCARBONS, C10-12, ISOALKANES

REACH No.: 01-2119471991-29, EC: 923-037-2

2.6/3 Flam. Liq. 3 H226

3.10/1 Asp. Tox. 1 H304

4.1/C2 Aquatic Chronic 2 H411

EUH066

>= 0.25% - < 0.5% DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY) PROPANOL

REACH No.: 01-2119450011-60, CAS: 34590-94-8, EC: 252-104-2

Substance with a Union workplace exposure limit.

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

Until revison date of this document, are unknown chronic effects from the mixture contact with skin, eyes, inhalation, ingestion.

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

Treatment:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.
Extinguishing media which must not be used for safety reasons:
None in particular.

5.2. Special hazards arising from the substance or mixture

The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.
The mixture does not contain ingredients classified as explosive according to EC Regulation 1272/2008 (CLP).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non emergency personnel:
Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.
For emergency responders:
Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water. To converge the product in containment tanks.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Store away from sunlight.
Store in a place with flame proof system.
Store in a cool and well ventilated place.
Store away from heat sources.
Protect from moisture. Store in dry environments.
Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.
Incompatible materials:
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.

7.3. Specific end use(s)
None in particular, see paragraph 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Until the revision date of this document, no experimental data are available for the mixture. elow, listed occupational exposure limits, if available, for the components listed in paragraph 3.2.
HYDROCARBONS, C10-12, ISOALKANES
ACGIH - TWA(8h): 1200 mg/m3, 196 ppm - Notes: RCP (total hydrocarbons)
DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)
PROPANOL - CAS: 34590-94-8
EU - TWA(8h): 308 mg/m3, 50 ppm - Notes: Skin
ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: Skin - Eye, URT irr - CNS impair
Dow IHG - TWA(8h): 10 ppm - STEL: 30 ppm - Notes: Skin

DNEL Exposure Limit Values
Until the revision date of this document, no experimental data are available for the mixture. Below, listed the DNEL exposure limits, if available, for the components listed in paragraph 3.2.
DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)
PROPANOL - CAS: 34590-94-8
Worker Industry: 283 mg/kg - Consumer: 121 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Worker Industry: 308 mg/m3 - Consumer: 37.2 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Consumer: 36 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values
Until the revision date of this document, no experimental data are available for the mixture. Below, listed the PNEC exposure limits, if available, for the components listed in paragraph 3.2.
DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)
PROPANOL - CAS: 34590-94-8
Target: Marine water - Value: 1.9 mg/l
Target: Fresh Water - Value: 19 mg/l
Target: Microorganisms in sewage treatments - Value: 4168 mg/l
Target: Marine water sediments - Value: 7.02 mg/kg
Target: Freshwater sediments - Value: 70.2 mg/kg
Target: Soil (agricultural) - Value: 2.74 mg/kg

8.2. Exposure controls
Eye protection:
Not needed for normal use. Anyway, operate according good working practices.
Protection for skin:
No special precaution must be adopted for normal use.
Protection for hands:
Not needed for normal use.
Respiratory protection:

Not needed for normal use.

Thermal Hazards:

Closed containers may explode if heated.
The product is flammable.
The product is not explosive - see paragraph 2.1. The product contains no explosive components.
Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

Environmental exposure controls:

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.
See also section 6.2.

Appropriate engineering controls:

No further technical checks suitable for your product under normal conditions.
See also section 1.2, section 7 and Exposure Scenario - Annex I of this document.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	Liquid/Gas	--	Aerosol
Colour:	Not applicable (Aerosol)	--	--
Odour:	Floral	Olfactory	--
Odour threshold:	Evident	Olfactory	--
Melting point/freezing point:	Not Relevant	--	Parameter not relevant for the type of product
Boiling point or initial boiling point and boiling range:	Not Relevant	--	Parameter not relevant for the type of product
Flammability:	flammable	--	Estimated parameter on chemical / physical properties of components.
Lower and upper explosion limit:	Not Relevant	--	Parameter not relevant for the type of product
Flash point:	Not Relevant	--	Parameter not relevant for the type of product
Auto-ignition temperature:	Not Relevant	--	Parameter not relevant for the type of product
Decomposition temperature:	Not Relevant	--	Parameter not relevant for the type of product
pH:	Not Relevant	--	Parameter not relevant for the type of product
Kinematic viscosity:	Not Relevant	--	Parameter not relevant for the type of product
Solubility in water:	Partial	--	Internal tests
Solubility in oil:	Partial	--	Internal tests
Partition coefficient n-octanol/water (log value):	> 1000	--	Value estimated based on the solubility of the mixture.
Vapour pressure:	Not Relevant	--	Parameter not relevant for the type of product
Density and/or relative density:	Not Relevant	--	Parameter not relevant for the type of product
Relative vapour density:	Not Relevant	--	Parameter not relevant for the type of product

Particle characteristics:

Particle size (average and range)	Not Relevant	--	Parameter not relevant for the type of product

9.2. Other information

No other relevant information

SECTION 10: Stability and reactivity

10.1. Reactivity

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.
Do not use in combination with other products.

10.2. Chemical stability

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.

10.3. Possibility of hazardous reactions

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.
See also scetion 7.2.

10.4. Conditions to avoid

Avoid direct sunlight and exposure to heat sources.
Different uses than recommended. Do not use in combination with other products. See also 1.2 and 7.2
Avoid humidity.

10.5. Incompatible materials

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability. see also 1.2 and 7.2.

10.6. Hazardous decomposition products

Until the revision date of this document, no adverse effects and symptoms to exposure of the product are known, including chemical reactivity and instability.
Do not use in combination with other products.

SECTION 11: Toxicological information

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

Toxicological information of the product:

AIR OFF-SEASON

a) acute toxicity

Not classified
Based on available data, the classification criteria are not met

b) skin corrosion/irritation

Not classified
Based on available data, the classification criteria are not met

c) serious eye damage/irritation

Not classified
Based on available data, the classification criteria are not met

d) respiratory or skin sensitisation

Not classified
Based on available data, the classification criteria are not met

e) germ cell mutagenicity

Not classified
Based on available data, the classification criteria are not met

f) carcinogenicity

Not classified
Based on available data, the classification criteria are not met

g) reproductive toxicity
Not classified
Based on available data, the classification criteria are not met
h) STOT-single exposure
Not classified
Based on available data, the classification criteria are not met
i) STOT-repeated exposure
Not classified
Based on available data, the classification criteria are not met
j) aspiration hazard
Not classified
Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:
Below are reported, if available, the toxicological information of the components listed in paragraph 3.2.
HYDROCARBONS, C10-12, ISOALKANES
a) acute toxicity
ATE - Oral 5000 mg/kg bw
ATE - Dermal 5000 mg/kg bw
ATE - Inhalation (Vapours) 5000 mg/l
Test: LC50 - Route: Inhalation - Species: Rat = 5000 mg/m3 - Duration: 8h - Source: OCSE 403
Test: LD50 - Route: Oral - Species: Rat = 5000 mg/kg - Source: OCSE 401
Test: LD50 - Route: Skin - Species: Rabbit = 5000 mg/kg - Source: OCSE 402
b) skin corrosion/irritation:
Test: Skin Irritant Negative - Source: OCSE 404
c) serious eye damage/irritation:
Test: Eye Irritant Negative - Source: OCSE 405
d) respiratory or skin sensitisation:
Test: Skin Sensitization Negative - Source: OCSE 406
e) germ cell mutagenicity:
Test: Mutagenesis Negative - Source: OCSE 471 473 474 476 478 479
f) carcinogenicity:
Test: Carcinogenicity Negative - Source: OCSE 453
g) reproductive toxicity:
Test: Reproductive Toxicity Negative - Source: OCSE 414 421 422
j) aspiration hazard:
Test: Aspiration hazard Yes - Source: Product Properties
DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY) PROPANOL - CAS: 34590-94-8
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg
Test: LD50 - Route: Skin - Species: Rabbit = 9510 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat = 3.35 mg/l - Duration: 7h
b) skin corrosion/irritation:
Test: Skin Irritant Negative
c) serious eye damage/irritation:
Test: Eye Irritant Negative
d) respiratory or skin sensitisation:
Test: Skin or Resp. Sensitization Negative

11.2. Information on other hazards
Endocrine disrupting properties:
No endocrine disruptor substances present in concentration >= 0.1%

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.
Until the revision date of this document, are not available experimental data on the mixture.
Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

AIR OFF-SEASON

The product is classified: Aquatic Chronic 3 - H412

HYDROCARBONS, C10-12, ISOALKANES

a) Aquatic acute toxicity:

Endpoint: LE0 - Species: Daphnia = 1000 mg/l - Duration h: 48 - Notes: Daphnia magna
Endpoint: LE0 - Species: Algae = 1000 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata
Endpoint: NOELR - Species: Algae = 1000 mg/l - Duration h: 72 - Notes: Pseudokirchneriella subcapitata
Endpoint: LL0 - Species: Fish = 1000 mg/l - Duration h: 96 - Notes: Oncorhynchus mykiss

b) Aquatic chronic toxicity:

Endpoint: NOELR - Species: Daphnia < 1 mg/l - Duration h: 504 - Notes: Daphnia magna

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY) PROPANOL - CAS: 34590-94-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 1000 mg/l - Duration h: 96 - Notes: Poecilia reticulata
Endpoint: LC50 - Species: Daphnia = 1919 mg/l - Duration h: 48 - Notes: Daphnia magna
Endpoint: EC50 - Species: Algae > 969 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata
Endpoint: LC50 - Species: Daphnia > 1000 mg/l - Duration h: 96 - Notes: Crangon crangon

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia > 0.5 mg/l - Duration h: 528 - Notes: Daphnia magna

c) Bacteria toxicity:

Endpoint: EC10 - Species: Microorganisms / Effect on activated sludge: = 4168 mg/l - Duration h: 18 - Notes: Pseudomonas putida

12.2. Persistence and degradability

Until the revision date of this document, are not available experimental data on the mixture.
Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

HYDROCARBONS, C10-12, ISOALKANES

Biodegradability: Readily biodegradable - Test: Ready biodegradability in water - Duration: 28 days - %: 31.3

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY) PROPANOL - CAS: 34590-94-8

Biodegradability: Readily biodegradable - Duration: 28 days - %: 75 - Notes: OECD 301F

The surfactant(s) contained in this preparation complies with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents. All supporting data are kept available to the competent authorities of the Member States and will be provided to those authorities if they so request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Until the revision date of this document, are not available experimental data on the mixture.
Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY) PROPANOL - CAS: 34590-94-8
Bioaccumulation: Slightly bioaccumulative - Test: BCF - Bioconcentrantion factor - Notes: < 100

12.4. Mobility in soil
Until the revision date of this document, are not available experimental data on the mixture. Below are reported, if available, the eco-toxicological information of the components listed in paragraph 3.2.
DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY) PROPANOL - CAS: 34590-94-8
Mobility in soil: Mobile

12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None

12.6. Endocrine disrupting properties
No endocrine disruptor substances present in concentration >= 0.1%

12.7. Other adverse effects
Until the revision date of this document, unknown adverse effects and symptoms towards the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force. Do not discharge into the ground or into drains.
See also section 6

SECTION 14: Transport information

14.1. UN number or ID number

ADR-UN Number:	1950
IATA-UN Number:	1950
IMDG-UN Number:	1950

14.2. UN proper shipping name

ADR-Shipping Name:	AEROSOLS, flammable
IATA-Shipping Name:	AEROSOLS, flammable
IMDG-Shipping Name:	AEROSOLS, flammable

14.3. Transport hazard class(es)

ADR-Class:	2
ADR - Hazard identification number:	-
IATA-Class:	2
IATA-Label:	2.1
IMDG-Class:	2

14.4. Packing group

ADR-Packing Group:	-
IATA-Packing group:	-
IMDG-Packing group:	-

14.5. Environmental hazards

ADR-Enviromental Pollutant:	No
IMDG-Marine pollutant:	No

IMDG-EmS: F-D , S-U

14.6. Special precautions for user

ADR-Subsidiary hazards: See SP63
ADR-S.P.: 190 327 344 625
ADR-Transport category (Tunnel restriction code): D
IATA-Passenger Aircraft: 203
IATA-Subsidiary hazards: See SP63
IATA-Cargo Aircraft: 203
IATA-S.P.: A145 A167 A802
IATA-ERG: 10L
IMDG-Subsidiary hazards: See SP63
IMDG-Stowage and handling: SW1 SW22
IMDG-Segregation: SG69

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

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) n. 2020/878
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)
Regulation (EU) n. 2018/669 (ATP 11 CLP)
Regulation (EU) n. 2018/1480 (ATP 13 CLP)
Regulation (EU) n. 2019/521 (ATP 12 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

Product belongs to category: P3a

15.2. Chemical safety assessment

No, for instructions on safe mangling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.
A Chemical Safety Assessment has been carried out for the mixture.
No Chemical Safety Assessment has been carried out for the mixture.
Substances for which a Chemical Safety Assessment has been carried out:

None

SECTION 16: Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
EUH066 Repeated exposure may cause skin dryness or cracking.

Hazard class and hazard category	Code	Description
Aerosols 1	2.3/1	Aerosol, Category 1
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2
Aquatic Chronic 3	4.1/C3	Chronic (long term) aquatic hazard, category 3

This safety data sheet has been completely updated in compliance to Regulation 2020/878.
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Aerosols 1, H222, H229	On basis of test data
Aquatic Chronic 3, H412	Calculation method

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EC0/10/20/50/100:	Effective concentration, for 0/10/20/50/100 percent of test population.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.

ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC0/10/20/50/100:	Lethal concentration, for 0/10/20/50/100 percent of test population.
LD0/10/20/50/100:	Lethal dose, for 0/10/20/50/100 percent of test population.
NOEC:	No Observed Effect Concentration
NOAEL(R)/NOAEC:	No Observed Adverse Effect Level(Repeated)/Concentration
OECD:	Organisation for Economic Co-operation and Development
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.

PROFESSIONAL PRODUCT AEROSOL – AIR FRESHENER

Title of exposure scenario	
Air freshener: Manual process	
Use description	
Sector Use	SU22 – Professional use
Product Category	PC3 – Air care products
Description of activities/process considered on exposure scenario.	
Spray the product, following the use instruction as specified on the label.	
Frequency and duration	
Use phase	2/4 times a day, depending on the room size and condition.
Relevant limit values of ingredients, if available, are stated in section 8 of the SDS.	
Physical appearence and concentration	
Aerosol.	
In section 2 of the SDS of product and on the label the classification of mixture is provided.	
Mixture classification is based on ingredients classification and on chemical/physical properties stated in section 9 of the SDS of product.	
Use conditions	
Room temperature	
Good general ventilation at workplace is sufficient.	
Do not damage or puncture the container. Follow instruction specified on the label or on SDS for storage and disposal consideration.	
Protection	
Avoid spray inhalation.	
See section 8 of the SDS of product to more information on PPE.	Training of worker to use and maintenance of PPE is supposed.
Don’t eat or drink, don’t smoke.	Avoid contact with damaged skin.
No open flame.	Do not use in combination with other products
Wash hand after use.	
In case of accidental release: dilute with water and dry.	
See section 6 of the SDS in case of accidental release	
Follow use instruction as specified on the label or on technical sheet. Use good occupational hygiene practices as specified in section 7 on the SDS.	
Environmental measures	
See section 6 of the SDS in case of accidental release	
See section 12 of the SDS for ecotoxicological information of mixture and dangerous ingredients.	
See section 13 of the SDS for disposal considerations.	

Note:

SDS: Safety Data Sheet

PPE: Personal Protection Equipment