

## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

Safety Data Sheet dated 30/6/2016, version 2

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

1.1. Product identifier

Mixture identification

Trade name:

EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

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

Recommended use:

Air freshener for environments.

Consumer use (SU21) - Air treatment 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:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

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.

## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.  
Special Provisions:  
None

Special provisions according to Annex XVII of REACH and subsequent amendments:  
Restricted to professional users.

2.3. Other hazards  
vPvB Substances: None - PBT Substances: None

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

>= 0.1% - < 0.25% ALCOHOLS, C12-14, ETHOXYLATED

CAS: 68439-50-9

 3.3/2 Eye Irrit. 2 H319

 4.1/A1 Aquatic Acute 1 H400 M=1.

4.1/C3 Aquatic Chronic 3 H412

---

#### 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 revision 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

## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

#### 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 product does not contain ingredients classified as explosive according to Regulation 1272/2008/EC (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

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

##### 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.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

##### 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.

## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

Do not store in open or unlabeled containers.

Store at below 20 °C. 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:

None in particular. See also section 10.

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.

Below, listed occupational exposure limits, if available, for the components listed in paragraph 3.2.

HYDROCARBONS, C10-12, ISOALKANES

ACGIH - LTE(8h): 1200 mg/m<sup>3</sup>, 196 ppm - Notes: RCP (total hydrocarbons)

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.

Not applicable

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.

Not applicable

### 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 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.

The product is flammable.

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

## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

Properties	Value	Method:	Notes:
Appearance and colour:	Not applicable (aerosol)	--	--
Odour:	Sea breeze	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	Not Relevant	--	Parameter not relevant for the type of product
Melting point / freezing point:	Not Relevant	--	Parameter not relevant for the type of product
Initial boiling point and boiling range:	Not Relevant	--	Parameter not relevant for the type of product
Flash point:	Not Relevant	--	Parameter not relevant for the type of product
Evaporation rate:	Not Relevant	--	Parameter not relevant for the type of product
Solid/gas flammability:	Not Relevant	--	Parameter not relevant for the type of product
Upper/lower flammability or explosive limits:	Not Relevant	--	Parameter not relevant for the type of product
Vapour pressure:	Not Relevant	--	Parameter not relevant for the type of product
Vapour density:	Not Relevant	--	Parameter not relevant for the type of product
Relative density:	Not Relevant	--	Parameter not relevant for the type of product
Solubility in water:	Not Relevant	--	Parameter not relevant for the type of product
Solubility in oil:	Not Relevant	--	Parameter not relevant for the type of product
Partition coefficient (n-octanol/water):	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
Viscosity:	Not Relevant	--	Parameter not relevant for the type of product
Explosive properties:	Not Relevant	--	Parameter not relevant for the type of product
Oxidizing properties:	Not Relevant	--	Parameter not relevant for the type of product

## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

#### 9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Relevant	--	Parameter not relevant for the type of product
Fat Solubility:	Not Relevant	--	Parameter not relevant for the type of product
Conductivity:	Not Relevant	--	Parameter not relevant for the type of product
Substance Groups relevant properties	Not Relevant	--	Parameter not relevant for the type of product

---

## 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.

### 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

In normal conditions no dangerous reactions of the mixture

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 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

### 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.

---

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological information of the mixture:

Until the revision date of this document, are not available experimental toxicological data on the mixture.

For the classification of the mixture see section 2.1.

Not applicable

Toxicological information of the main substances found in the mixture:

Below are reported, if available, the toxicological information of the components listed in paragraph 3.2.

HYDROCARBONS, C10-12, ISOALKANES

a) acute toxicity:

## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

- Test: LC50 - Route: Inhalation - Species: Rat > 5000 mg/m<sup>3</sup> - 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

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as Not Applicable:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

---

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

The environmental hazard of the product are reported in Section 2.1 if applicable.

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

##### 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

### 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.

## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

HYDROCARBONS, C10-12, ISOALKANES

Biodegradability: Readily biodegradable - Test: BIODG07 - Duration: 28 days - %: 31.3

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.

Not applicable

#### 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.

Not applicable

#### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

#### 12.6. 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

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-label: 2.1  
ADR - Hazard identification number: -  
IATA-Class/division: 2.1  
IATA-Label: 2.1  
IMDG-Class: 2.1



## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

IMDG-Label:	2.1
14.4. Packing group	
ADR-Packing Group:	-
IATA-Packing group:	-
IMDG-Packing group:	-
14.5. Environmental hazards	
ADR-Environmental Pollutant:	No
IMDG-Marine pollutant:	No
14.6. Special precautions for user	
ADR-Subsidiary risks:	-
ADR-S.P.:	190 327 344 625
ADR-Tunnel Restriction Code:	D
IATA-Passenger Aircraft:	203
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	203
IATA-S.P.:	A145 A167 A802
IATA-ERG:	10L
IMDG-EmS:	F-D , S-U
IMDG-S.P.:	63 190 277 327 344 959
IMDG-Subsidiary risks:	-
IMDG-Storage category:	-
IMDG-Storage notes:	SW1 SW22
IMDG-Segregation notes:	SG69
14.7. Transport in bulk according to Annex II of Marpol and the IBC Code	
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) 2015/830
  - 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)

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 :

Regulation (EC) nr 648/2004 (detergents).  
1999/13/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 handling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

**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.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Paragraphs modified from the previous revision:

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

SECTION 2: Hazards identification

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

SECTION 5: Firefighting measures

SECTION 7: Handling and storage

SECTION 8: Exposure controls/personal protection

SECTION 9: Physical and chemical properties

SECTION 10: Stability and reactivity

SECTION 11: Toxicological information

SECTION 12: Ecological information

SECTION 14: Transport information

SECTION 15: Regulatory information

The classification of product is based on conventional 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.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

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).



## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
EC50:	effectiveconcentration, for 50 percent of test population.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
NOEC:	No Observed Effect Concentration.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.



## Safety Data Sheet

### EMULSIO il CATTURAODORI BREZZA MARINA SPRAY

#### ANNEX I

#### CONSUMER PRODUCT AEROSOL – AIR FRESHENER

<b>Title of exposure scenario</b>	
Air freshener: Manual process	
<b>Use description</b>	
Sector Use	SU21 – Consumer use
Product Category	PC3 – Air treatment products
<b>Description of activities/process considered on exposure scenario.</b>	
Use following the use instruction as specified on the label.	
<b>Frequency and duration</b>	
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.	
<b>Physical appearance and concentration</b>	
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.	
<b>Use conditions</b>	
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.	
<b>Protection</b>	
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.	
<b>Environmental measures</b>	
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