

## Safety Data Sheet EMULSIO SPLENDI VETRI

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 SPLENDI VETRI

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

Recommended use:

Detergent for hard surfaces.

Consumer use (SU21) - Products for washing and cleaning (PC35)

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.

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.

Precautionary statements:

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

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:

None

## Safety Data Sheet

### EMULSIO SPLENDI VETRI

Product contents:

The product also contains:      Perfumes

Allergens:

Preservatives:

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

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### 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:

>= 5% - < 7% ETHANOL

REACH No.: 01-2119457610-43, Index number: 603-002-00-5, CAS: 64-17-5, EC: 200-578-6

 2.6/2 Flam. Liq. 2 H225

 3.3/2 Eye Irrit. 2 H319

>= 1% - < 3% DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY) PROPANOL

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

substance with a Community workplace exposure limit

>= 0.25% - < 0.5% PROPAN-2-OL

REACH No.: 01-2119457558-25, Index number: 603-117-00-0, CAS: 67-63-0, EC: 200-661-7

 2.6/2 Flam. Liq. 2 H225

 3.3/2 Eye Irrit. 2 H319

 3.8/3 STOT SE 3 H336

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### 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.

## Safety Data Sheet

### EMULSIO SPLENDI VETRI

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

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.

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### 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).

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### 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

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### 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.

## Safety Data Sheet

### EMULSIO SPLENDI VETRI

Store in a place with flame proof system.

Store in a cool and well ventilated place.

Store away from heat sources.

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

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## 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.

ETHANOL - CAS: 64-17-5

EU - LTE(8h): 1920 mg/m<sup>3</sup>, 1000 ppm - Notes: WEL

ACGIH - STE(15min): 1880 mg/m<sup>3</sup>, 1000 ppm - Notes: A3 - URT irr

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

EU - LTE(8h): 308 mg/m<sup>3</sup>, 50 ppm - Notes: Skin

ACGIH - LTE(8h): 100 ppm - STE: 150 ppm - Notes: Skin - Eye and URT irr, CNS impair

PROPAN-2-OL - CAS: 67-63-0

ACGIH - LTE(8h): 492 mg/m<sup>3</sup>, 200 ppm - STE(15min): 983 mg/m<sup>3</sup>, 400 ppm - Notes:

A4, BEI - Eye and URT irr, CNS impair

### 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.

ETHANOL - CAS: 64-17-5

Worker Industry: 1900 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Industry: 950 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 343 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects - Notes: bw/day

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

Worker Industry: 65 mg/kg - Consumer: 15 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 308 mg/m<sup>3</sup> - Consumer: 37.2 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 1.67 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PROPAN-2-OL - CAS: 67-63-0

Worker Industry: 888 mg/kg - Consumer: 319 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects

Worker Industry: 500 mg/m<sup>3</sup> - Consumer: 89 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Consumer: 26 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

### PNEC Exposure Limit Values

## Safety Data Sheet

### EMULSIO SPLENDI VETRI

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.

ETHANOL - CAS: 64-17-5

Target: Marine water - Value: 0.79 mg/l

Target: Fresh Water - Value: 0.96 mg/l

Target: Marine water sediments - Value: 2.9 mg/kg

Target: Soil (agricultural) - Value: 0.63 mg/kg

Target: Freshwater sediments - Value: 3.6 mg/kg

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

Target: Marine water - Value: 1.9 mg/l

Target: Air - Value: 190 mg/l - Notes: Intermittent emissions

Target: Microorganisms in sewage treatments - Value: 4168 mg/l

Target: Marine water sediments - Value: 5.2 mg/kg

Target: Freshwater sediments - Value: 52.3 mg/kg

PROPAN-2-OL - CAS: 67-63-0

Target: Microorganisms in sewage treatments - Value: 2251 mg/l

Target: Marine water sediments - Value: 552 mg/kg

Target: Soil (agricultural) - Value: 28 mg/kg

Target: Marine water - Value: 140.9 mg/l

#### 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:

The product is not dangerous for the environment - see section 2.1.

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

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:
Appearance and colour:	Not applicable (aerosol)	--	--
Odour:	Cologne	Olfactory	--
Odour threshold:	Evident	Olfactory	--
pH:	Not Relevant	--	Parameter not relevant for the

**Safety Data Sheet**  
**EMULSIO SPLENDI VETRI**



			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

9.2. Other information

<b>Properties</b>	<b>Value</b>	<b>Method:</b>	<b>Notes:</b>
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

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## **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.

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## **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.

ETHANOL - CAS: 64-17-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 6200 mg/kg - Source: OECD401

Test: LC50 - Route: Inhalation - Species: Rat > 50 mg/m<sup>3</sup> - Source: OECD403

Test: LD50 - Route: Skin - Species: Rabbit = 20 g/kg

c) serious eye damage/irritation:

Test: Eye Irritant Positive - Source: OECD405

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

a) acute toxicity:



## Safety Data Sheet

### EMULSIO SPLENDI VETRI

- 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\_INHAL Negative
- PROPAN-2-OL - CAS: 67-63-0
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat > 10000 ppm - Duration: 6h  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
- b) skin corrosion/irritation:  
Test: Skin Irritant - Route: Skin - Species: Rabbit No - Source: OECD 404
- c) serious eye damage/irritation:  
Test: Eye Corrosive - Species: Rabbit Yes - Source: OECD 405
- d) respiratory or skin sensitisation:  
Test: SKIN\_INHAL Negative
- e) germ cell mutagenicity:  
Test: Mutagenesis Negative
- g) reproductive toxicity:  
Test: NOAEL - Route: Oral - Species: Rabbit = 480 mg/kg

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.

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## 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.

ETHANOL - CAS: 64-17-5

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 275 mg/l - Duration h: 72 - Notes: Chlorella vulgaris

Endpoint: LC50 - Species: Fish = 13000 mg/l - Duration h: 96 - Notes: Salmo gairdneri

Endpoint: EC50 - Species: Daphnia = 12340 mg/l - Duration h: 48 - Notes: Daphnia magna

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

a) Aquatic acute toxicity:



## Safety Data Sheet

### EMULSIO SPLENDI VETRI

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  
Endpoint: EC50 - Species: Algae = 6999 mg/l - Duration h: 72 - Notes: Skeletonema costatum

b) Aquatic chronic toxicity:

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

c) Bacteria toxicity:

Endpoint: EC10 - Species: FANGHI = 4168 mg/l - Duration h: 18 - Notes: Pseudomonas putida

PROPAN-2-OL - CAS: 67-63-0

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 9640 mg/l - Duration h: 48 - Notes: Pimephales promelas

Endpoint: EC50 - Species: Daphnia > 1000 mg/l - Duration h: 24 - Notes: Daphnia magna

Endpoint: EC50 - Species: Algae = 1800 mg/l - Duration h: 168 - Notes: Scenedesmus quadricauda

#### 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.

ETHANOL - CAS: 64-17-5

Biodegradability: Readily biodegradable

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

Biodegradability: Readily biodegradable - Duration: 28 days - %: 75 - 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.

ETHANOL - CAS: 64-17-5

Bioaccumulation: Slightly bioaccumulative - Test: Kow - Partition coefficient -0.31 -

DIPROPYLENE GLYCOL MONOMETHYL ETHER; (2-METHOXYMETHYLETHOXY)

PROPANOL - CAS: 34590-94-8

Bioaccumulation: Slightly bioaccumulative - BCF - Bioconcentration factor: < 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. Other adverse effects

## Safety Data Sheet

### EMULSIO SPLENDI VETRI

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

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#### 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

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#### 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/Division: 2.1  
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- S.P.: 63 190 277 327 344 959  
IMDG-EmS: F-D , S-U  
IMDG-Subsidiary risks: -  
IMDG-Storage category: -  
IMDG-Storage notes: SW1 SW 22

## Safety Data Sheet

### EMULSIO SPLENDI VETRI

IMDG-Segregation notes: SG69

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code  
Not applicable

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#### 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 mangling you see Sections 7 and 8 and the exposure scenario - Annex I of this document.

No

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#### SECTION 16: Other information

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.  
H290 May be corrosive to metals.  
H226 Flammable liquid and vapour.  
H317 May cause an allergic skin reaction.

Paragraphs modified from the previous revision:

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

## Safety Data Sheet

### EMULSIO SPLENDI VETRI

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).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
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 SPLENDI VETRI**



**ANNEX I**

CONSUMER PRODUCT AEROSOL – DETERGENT FOR HARD SURFACES

<b>Title of exposure scenario</b>	
Detergent for general cleaning: Manual process.	
<b>Use description</b>	
Sector Use	SU21 – Consumer use
Product Category	PC35 – Cleaning and washing product (including solvent based products)
<b>Description of activities/process considered on exposure scenario.</b>	
Use following the use instruction as specified on the label.	
Rinse, if necessary.	
<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