

## Safety data sheet

According to Annex II to REACH - Regulation 2015/830

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

#### 1.1. Product identifier

Code:

SL180221rev0

Product name

**Chanteclair Vert Ammorbidente  
Concentrato Fiori di Cotone**

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

Identified Uses	Industrial	Professional	Consumer
Fabric softeners	-	-	✓
Uses Advised Against			
Don't use for different uses from the recommended one			

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

Name  
Full address  
District and CountryRS S.R.L.  
Via Monte Santo, 37  
20831 Seregno (MB)  
ITALIA  
Tel. 0362 2661  
Fax 0362 266281

Az Ön szállítója:

- Név: Colibri 90 Kft.
- Székhely: 6724 Szeged, Szilánk köz 2/C
- Telefon: +36 (62) 542-060
- e-mail: info@colibri90.hu

e-mail address of the competent person  
responsible for the Safety Data Sheet

sds@gruppodesa.com

#### 1.4. Emergency telephone number

For urgent inquiries refer to

CAV Milano Niguarda 0266101029 24h (Solo per l'Italia)  
+39 0362 2661 (Foreign Countries)

### SECTION 2. Hazards identification.

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

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP). However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.  
Hazard classification and indication:

#### 2.2. Label elements.

Hazard pictograms: --

Signal words: --

Hazard statements:

--

Precautionary statements:

--

**2.3. Other hazards.**

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

**SECTION 3. Composition/information on ingredients.****3.1. Substances.**

Information not relevant.

**3.2. Mixtures.**

Contains:

Identification.	Conc. %.	Classification 1272/2008 (CLP).
<b>Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized</b>		
CAS. -	9 - 11	nc
EC. 931-203-0		
INDEX. -		
Reg. no. 01-2119463889-16-XXXX		
<b>ETHANOL</b>		
CAS. 64-17-5	0,2 – 1,2	Flam. Liq. 2 H225
EC. 200-578-6		
INDEX. 603-002-00-5		
Reg. no. 01-2120063206-63-0000		

Note: Upper limit is not included into the range.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

**SECTION 4. First aid measures.****4.1. Description of first aid measures.**

**Chanteclair Vert Ammorbidente Concentrato Fiori di Cotone**

**EYES:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

**SKIN:** Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

**INHALATION:** Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

**INGESTION:** Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

For symptoms and effects caused by the contained substances, see chap. 11.

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

For both acute and delayed symptoms seek medical advice.

### **SECTION 5. Firefighting measures.**

#### **5.1. Extinguishing media.**

##### **SUITABLE EXTINGUISHING EQUIPMENT**

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

##### **UNSUITABLE EXTINGUISHING EQUIPMENT**

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

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

##### **HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE**

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

#### **5.3. Advice for firefighters.**

##### **GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

##### **SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### **SECTION 6. Accidental release measures.**

**Chanteclair Vert Ammorbidente Concentrato Fiori di Cotone****6.1. Personal precautions, protective equipment and emergency procedures.**

Block the leakage if there is no danger.

Wear suitable protective equipment listed in section 8 of the safety data sheet to prevent any contamination of skin, eyes and personal clothing. These guidelines apply to both clerks who work for the emergency interventions.

**6.2. Environmental precautions.**

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

**6.4. Reference to other sections.**

Any information on personal protection and disposal is given in sections 8 and 13.

**SECTION 7. Handling and storage.****7.1. Precautions for safe handling.**

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. When performing transfer operations involving large containers, connect to an earthing system and wear antistatic footwear. Vigorous stirring and flow through the tubes and equipment may cause the formation and accumulation of electrostatic charges. In order to avoid the risk of fires and explosions, never use compressed air when handling. Open containers with caution as they may be pressurised. Do not eat, drink or smoke during use. Avoid leakage of the product into the environment.

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

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

**7.3. Specific end use(s).**

See Section 1.2 for specific uses.

**SECTION 8. Exposure controls/personal protection.**

## 8.1. Control parameters.

Regulatory References:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GRB	United Kingdom	EH40/2005 Workplace exposure limits
	TLV-ACGIH	ACGIH 2014

### Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

Predicted no-effect concentration - PNEC.

Normal value in fresh water	0,065	mg/L
Normal value in marine water	0,0065	mg/L
Normal value for fresh water sediment	141	mg/kg
Normal value for marine water sediment	141	mg/kg
Normal value of STP microorganisms	2,96	mg/L
Normal value for the terrestrial compartment	574	mg/kg

### Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers.			Effects on workers				
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral.			VND	7,5 mg/kg				
Inhalation.			VND	13 mg/m <sup>3</sup>			VND	44 mg/m <sup>3</sup>
Skin.			VND	187,5 mg/kg			VND	312,5 mg/kg

### ETHANOL

#### Threshold Limit Value.

Type	Country	TWA/8h		STEL/15min	
		mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm
AGW	DEU	960	500	1920	1000
MAK	DEU	960	500	1920	1000
VLEP	FRA	1900	1000	9500	5000
WEL	GRB	1920	1000		
TLV-ACGIH				1884	1000

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

## 8.2. Exposure controls.

Comply with the safety measures usually applied when handling chemical substances.

### HAND PROTECTION

None required.

### SKIN PROTECTION

None required.

**EYE PROTECTION**

None required.

**RESPIRATORY PROTECTION**

None required, unless indicated otherwise in the chemical risk assessment.

**ENVIRONMENTAL EXPOSURE CONTROLS.**

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

## SECTION 9. Physical and chemical properties.

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

Appearance	liquid
Colour	white
Odour	characteristic
Odour threshold.	Not applicable (perfumed product).
pH.	2,5-3,5
Melting point / freezing point.	Untested.
Initial boiling point.	Untested.
Boiling range.	Untested.
Flash point.	Not applicable (non-flammable).
Evaporation rate	Untested.
Flammability (solid, gas)	Not applicable (non-flammable).
Lower inflammability limit.	Not applicable (non-flammable).
Upper inflammability limit.	Not applicable (non-flammable).
Lower explosive limit.	Not applicable (non-explosive).
Upper explosive limit.	Not applicable (non-explosive).
Vapour pressure.	Untested.
Vapour density	Untested.
Relative density.	1 Kg/l
Solubility	soluble / miscible in water
Partition coefficient: n-octanol/water	Not applicable for the mixture. Data for substances are not available.
Auto-ignition temperature.	Non-auto.
Decomposition temperature.	Untested.
Viscosity	10-80 cps
Explosive properties	non-explosive
Oxidising properties	non-oxidizing

### 9.2. Other information.

VOC (Directive 2010/75/EC) :	1,31 % - 13,08 g/litre.
VOC (volatile carbon) :	0,68 % - 6,81 g/litre.

## SECTION 10. Stability and reactivity.

### 10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

**Chanteclair Vert Ammorbidente Concentrato Fiori di Cotone****10.2. Chemical stability.**

The product is stable in normal conditions of use and storage.

**10.3. Possibility of hazardous reactions.**

No hazardous reactions are foreseeable in normal conditions of use and storage.

**10.4. Conditions to avoid.**

None in particular. However the usual precautions used for chemical products should be respected.

**10.5. Incompatible materials.**

None in particular.

**10.6. Hazardous decomposition products.**

None known.

**SECTION 11. Toxicological information.****11.1. Information on toxicological effects.**

a) Acute tox:

ETHANOL

LD50 (Oral).1501 mg/kg Rat

LC50 (Inhalation).5,9 mg/l/6h Rat

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

LD50 (Oral).5000 mg/kg ratto

LD50 (Dermal).> 2000 mg/kg ratto

b) Skin corrosion / irritation: Not classified (based on available data, the classification criteria are not met); c) Serious eye damage / eye irritation: Not classified (based on available data, the classification criteria are not met); d) Respiratory or skin sensitization: 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) Specific target organ toxicity (STOT) - single exposure: Not classified (based on available data, the classification criteria are not met); i) Specific target organ toxicity (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) ;.

**SECTION 12. Ecological information.**

**Chanteclair Vert Ammorbidente Concentrato Fiori di Cotone****12.1. Toxicity.**

Fatty acids, C16-18 (even numbered) and C18 unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized

LC50 - for Fish.	1,91 mg/l/96h pesci
EC50 - for Crustacea.	2,23 mg/l/48h daphnia
EC50 - for Algae / Aquatic Plants.	2,14 mg/l/72h alghe

**12.2. Persistence and degradability.**

The surfactants in the product are readily biodegradable, this criterion is attributed to surfactants whose mineralization process is 60% or more within 28 days as required by the EC 648/2004 and s.m.

**12.3. Bioaccumulative potential.**

Evaluation of potential biaccumulo not be expected accumulation in organisms. The product was not tested. The indications are derived from substances / products contained in the formulation.

**12.4. Mobility in soil.**

Assessment transport between environmental compartments: Volatility: not applicable.

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

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

**12.6. Other adverse effects.**

The product does not contain substances listed in Regulation 1005/2009 / EC on substances that deplete the ozone layer.

**SECTION 13. Disposal considerations.****13.1. Waste treatment methods.**

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

**SECTION 14. Transport information.****14.1. UN number.**

Not applicable.



## Chanteclair Vert Ammorbidente Concentrato Fiori di Cotone

**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. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.**

Information not relevant.

**SECTION 15. Regulatory information.****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.**

Seveso category. None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

None.

Substances in Candidate List (Art. 59 REACH).

None.

**Chanteclair Vert Ammorbidente Concentrato Fiori di Cotone**Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

Healthcare controls.

Information not available.

**15.2. Chemical safety assessment.**

No chemical safety assessment has been processed for the mixture and the substances it contains.

**SECTION 16. Other information.**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>Flam. Liq. 2</b>	Flammable liquid, category 2
<b>H225</b>	Highly flammable liquid and vapour.
<b>EUH210</b>	Safety data sheet available on request.

**LEGEND:**

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006

## Chanteclair Vert Ammorbidente Concentrato Fiori di Cotone

- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

## GENERAL BIBLIOGRAPHY

1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
  2. Regulation (EU) 1272/2008 (CLP) of the European Parliament
  3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
  4. Regulation (EU) 2015/830 of the European Parliament
  5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
  6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
  7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
  8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
  9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- The Merck Index. - 10th Edition
  - Handling Chemical Safety
  - INRS - Fiche Toxicologique (toxicological sheet)
  - Patty - Industrial Hygiene and Toxicology
  - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
  - ECHA website

## Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.