

# SAFETY DATA SHEET

Collistar Spray Abbronzante SPF30 200 ml cod. K26072

Issued on 02/11/2013 - Rel. # 1 on 02/24/2015

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In conformity to Regulation (EC) No 453/2010 of 20 May 2010

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

### 1.1. Product identifier

Product code : Collistar Spray Abbronzante SPF30 200 ml cod. K26072  
Trades code : PCOL006

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

Cosmetics  
Private households (= general public = consumers)[SU21]  
Cosmetics, personal care products

Uses advised against  
Do not use for purposes other than those listed

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

Collistar S.p.A., via G.B. Pirelli, 19, 20124 - Milano - Italy  
Tel: +39 02 677 5539; Fax: +39 02 677 5758

Produced by  
CLAIRE s.p.a.  
Via Dell'Artigianato, 14  
35020 - San Pietro Viminario (PD)  
Italy +39 0429 719766; Fax +39 0429 719044

### 1.4. Emergency telephone number

Tel: +39 02 677 5539

## SECTION 2. Hazards identification

### 2.1. Classification of the substance or mixture

CAS 64-17-5 CEE 603-002-00-5 EINECS 200-578-6

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:  
GHS07

Hazard Class and Category Code(s):  
Skin Sens. 1B, Aerosol

Hazard statement Code(s):  
H317 - May cause an allergic skin reaction.  
H229 - Pressurised container: May burst if heated.

2.1.2 Classification according to Directive 1999/45/EEC:

Classification:  
F; R11 Carc. Cat. 2; R49 Xi; R36 N; R 67

Nature of special risks attributed:  
R11 - Highly flammable.  
R36 - Irritating to eyes.

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R49 - May cause cancer by inhalation.  
R67 - Vapours may cause drowsiness and dizziness.

The product, if brought into contact with skin can cause skin sensitization.

The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

The repeated inhalation of vapors can cause drowsiness and giddiness.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.

The aerosol containers overheated burst and can be ejected with violence from a distance and can take place a dangerous mechanism for the fire.

## 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
GHS02, GHS07 - Warning



Hazard statement Code(s):  
H317 - May cause an allergic skin reaction.  
H229 - Pressurised container: May burst if heated.

Precautionary statements:

Prevention

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

P251 - Do not pierce or burn, even after use.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Storage

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

Disposal

P501 - Dispose of contents/container in accordance to local regulation.

Contains:

PARFUM, Citronellol, Geraniol, Hydroxy-citronellal, Limonene, Butylphenyl methylpropional, Eugenol: It can produce an allergic reaction.

## 2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Irrilevant

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
OCTOCRYLENE	> 5 <= 10%	R53 Aquatic Chronic 4, H413		6197-30-4	228-250-8	
BENZOPHENONE-3	> 5 <= 10%	N; R50/53 Aquatic Acute 1, H400; Aquatic		131-57-7	205-031-5	

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Substance	Concentration	Classification	Index	CAS	EINECS	REACH
		Chronic 2, H411				
BUTYL METHOXYDIBENZOYLMETHANE	> 1 <= 5%	R53 Aquatic Chronic 4, H413		70356-09-1	274-581-6	01-2119967 408-25-0000
PARFUM	> 0,1 <= 1%	Carc. Cat. 3; Xn; Carc. Cat. 3 R40 Xi; R43 N; R51/53 Skin Sens. 1B, H317; Eye Irrit. 2, H319; Carc. 2, H351; Aquatic Chronic 2, H411				

## 3.2 Mixtures

Refer to paragraph 16 for full text of risk phrases and hazard statements

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated room. CALL A PHYSICIAN.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

If skin irritation or rash occurs: Get medical advice/attention.

## SECTION 5. Firefighting measures

### 5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Direct jets of water

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

The aerosol containers overheated burst and can be ejected with violence from a distance and can take place a dangerous mechanism for the fire.

Manufactured under pressure in sealed metal container (test pressure 15 bar max). Cool containers with water spray trying to remove them from the fire. The aerosol containers can be overheated and burst violently ejected from a

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distance ( protect the head using a safety helmet).

## 5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Leave the surrounding area recalling that any overheating could project the cylinder at a considerable distance.

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Given the tightness of aerosol, it is unlikely that the spillage may occur.

However if some container is damaged likely to cause a loss, insulate the tank in question by bringing it to open air or covering it with inert material and fuel (eg sand, earth, vermiculite) and having the care to avoid any point of ignition that might pose a serious risk of fire.

Wear mask, gloves and protective clothing.

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

### 6.2. Environmental precautions

Contain spill

Inform the competent authorities.

Discharge the remains in compliance with the regulations

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

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or the removal.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

### 6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Avoid contact and inhalation of vapors

Use extreme caution when handling the product. Avoid shock or friction.

In residential areas do not use on large surfaces.

Do not smoke at work

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At work do not eat or drink.

Vapors are heavier than air and may spread close to the ground and form explosive mixtures with air. Prevent formation of flammable or explosive concentrations in the air.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.

Do not pierce or burn, even after the use. Do not spray on flame or incandescent objects. Use in adequately ventilated areas.

See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Pressurized container. Store in a ventilated place, in original packaging away from heat and sunlight.

Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

## 7.3. Specific end use(s)

Private households (= general public = consumers)

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

No data available.

### 8.2. Exposure controls

Appropriate engineering controls:

Private households (= general public = consumers):

none

Individual protection measures:

(a) Eye / face protection

Not needed for normal use. Anyway operate according to good working practices.

(b) Skin protection

(i) Hand protection

Not needed for normal use. Anyway operate according to good working practices.

(c) Respiratory protection

Operate in a sufficiently ventilated area to avoid inhaling the product.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

## SECTION 9. Physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	Liquido limpido giallo	
Odour	Characteristic	
Odour threshold	Not determined	
pH	Irrelevant	
Melting point/freezing point	Not determined	
Initial boiling point and boiling range	78 °C	
Flash point	12 °C	
Evaporation rate	Not determined	
Flammability (solid, gas)	Flammable	
Upper/lower flammability or explosive limits	3,3%	
Vapour pressure	Not determined	
Vapour density	Not determined	
Relative density	0,86-0,90 g/ml	
Solubility	Not determined	
Water solubility	Not determined	
Partition coefficient: n-octanol/water	Not determined	
Auto-ignition temperature	Not determined	
Decomposition temperature	Not determined	
Viscosity	18-24 cPs (25 °C, G1, 100 rpm)	
Explosive properties	Not determined	
Oxidising properties	Irrelevant	
Container volume	335 ml	
Product volume	200 ml	
Pressure to 20 °C	10 bar	
Deformation pressure	18 bar	
Burst pressure of the container	21,6	
Flash point of liquid phase	12 °C	
Propellant inflammability	Irrelevant	

## 9.2. Other information

No data available.

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

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## 10.4. Conditions to avoid

Avoid heating the product, it could explode.

The aerosol product is stable for a period exceeding 36 months and in normal storage conditions can not take place dangerous reactions as the container is almost hermetically sealed.

To avoid that the metal container can deteriorate, keep away from acidic or basic products. Attention to the heat as temperatures exceeding 50 °C has increased pressure inside the container that gets to deformation of the cylinder until the outbreak.

## 10.5. Incompatible materials

It can generate inflammable gases to contact with carbamate, elementary metals, nitrile.

It can generate toxic gases to contact with amide, aliphatic and aromatic amines, compounds nitrogenized, dinitrogenized and hydrazine, carbamate, inorganic fluoride, halogenated organic substances, isocyanetic, sulfide, organic nitrous compounds, organic phosphates.

It can ignite in contact with alcohol and glycol, aldehydes, ditiocarbamate, ester, ethers, hydrocarbons aromatic and aliphatic, halogenated organic substances, isocyanetic, ketone, sulfide, organic nitrous compounds, phenols and cresols.

## 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

ATE(mix) oral = 0,0 mg/kg  
ATE(mix) dermal = 0,0 mg/kg  
ATE(mix) inhal = 0,0 mg/l/4 h

- (a) acute toxicity: not applicable
- (b) skin corrosion/irritation: not applicable
- (c) serious eye damage/irritation: not applicable
- (d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.
- (e) germ cell mutagenicity: not applicable
- (f) carcinogenicity: not applicable
- (g) reproductive toxicity: not applicable
- (h) specific target organ toxicity (STOT) single exposure: not applicable
- (i) specific target organ toxicity (STOT) repeated exposure: not applicable
- (j) aspiration hazard: not applicable

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LD50 (rat) Oral (mg/kg body weight) = 7060

Related to contained substances:  
OCTOCRYLENE:  
LD50 (rat) Oral (mg/kg body weight) = 5000

BENZOPHENONE-3:  
LD50 (rat) Oral (mg/kg body weight) = 12800  
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 16000

BUTYL METHOXYDIBENZOYLMETHANE:  
LD50 (rat) Oral (mg/kg body weight) = 16000  
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 1000

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## SECTION 12. Ecological information

### 12.1. Toxicity

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C(E)L50 (mg/l) = 100

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

BENZOPHENONE-3  
Biodegradable

BUTYL METHOXYDIBENZOYLMETHANE  
Not readily biodegradable.  
6 % (20 d)  
(OECD TG 301F)  
: Not anaerobically biodegradable.  
(79 d)

### 12.3. Bioaccumulative potential

BENZOPHENONE-3  
Bioaccumulation is not expected.

BUTYL METHOXYDIBENZOYLMETHANE  
Due to the distribution coefficient n-octanol/water, accumulation in organisms is possible.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

### 12.6. Other adverse effects

No adverse effects

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

The waste must be disposed of in compliance with the regulations in force delivering empty containers for final disposal and equipped to safely handle pressurized containers containing flammable liquids and gas waste. The empty container heated to temperatures exceeding 70 °C can burst.  
Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

## SECTION 14. Transport information

### 14.1. UN number

1950  
ADR exemption because compliance with the following characteristics:  
Combination packagings: per inner packaging 1 L per package 30 Kg



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Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 Kg

## 14.2. UN proper shipping name

AEROSOL flammable

## 14.3. Transport hazard class(es)

Class : 2  
Label : 2.1  
Tunnel restriction code : D  
Limited quantities : 1 L  
EmS : F-D, S-U

## 14.4. Packing group

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## 14.5. Environmental hazards

Marine polluting agent : Not

## 14.6. Special precautions for user

No data available.

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

It is not intended to carry bulk

## SECTION 15. Regulatory information

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

No data available.

### 15.2. Chemical safety assessment

The supplier hasn't made an assessment of chemical safety

## SECTION 16. Other information

### 16.1. Other information

Description of the sentences of risk set out in paragraph 3

R40 = Limited evidence of a carcinogenic effect.

R43 = May cause sensitization by skin contact.

R50 = Very toxic to aquatic organisms.

R51 = Toxic to aquatic organisms.

R53 = May cause long-term adverse effects in the aquatic environment.

Description of the hazard statements exposed to point 3

H413 = May cause long lasting harmful effects to aquatic life.

H400 = Very toxic to aquatic life.

H411 = Toxic to aquatic life with long lasting effects.

H317 = May cause an allergic skin reaction.

H319 = Causes serious eye irritation.

H351 = Suspected of causing cancer .

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Classification based on data of all mixture components

Main references:

Directive 1999/45/EC

Directive 2001/60/EC

Regulation 1272/2008/EC

Regulation 2010/453/EC

The information contained in this safety data sheet given according to our knowledge of the substance/the preparation in question on the date of publication.

It does not imply acceptance of any legal responsibility or liability for the consequences of its use or misuse in specific cases. In any case, raises the user's compliance with all applicable laws, decrees and regulations on product safety and food and hygiene of workers.

\*\*\* This tab annuls and replaces any previous edition.