

BEAUTYCARE SF (SUNFLOWER)

Safety Data Sheet dated 19/7/2018, version 5

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

1.1. Product identifier

Identification of the substance

Trade name: BEAUTYCARE SF (SUNFLOWER)

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

Recommended use:

Amphoteric surfactant for cosmetic detergents formulations.

1.3. Details of the supplier of the safety data sheet

Company:

B & C SpA

Via Redipuglia, 150

21055 Gorla Minore (VA) ITALY

Tel. +39 0331 606842 Fax +39 0331 606173

Competent person responsible for the safety data sheet:

tecnico@beautyandcosmetic.eu

1.4. Emergency telephone number

B.C. srl Tel. +39 0331 606842 (office hours)

Regional Medicines and Poisons Information Centre NI Pharmacy Department Royal Hospital Suite Grosvenor Road Belfast +44 28 90 63 2032

National Poisons Information Service (Birmingham Unit) City Hospital Dudley Rd Birmingham +44 121 507 4123

National Poisons Information Service Edinburgh Scottish Poisons Information Bureau Royal Infirmary 51 Little France Crescent Edinburgh +44 131 242 1383

National Poisons Information Service (Newcastle Unit) Wolfson Unit Claremont Place Newcastle Upon Tyne +44 191 2606182/+44 191 2606180


National Poisons Information Service (Cardiff) University Hospital Llandough Penlan Road Penarth +44 292 071 55 54

List of World poison centres available at: http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

 Danger, Eye Dam. 1, Causes serious eye damage.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H318 Causes serious eye damage.

Precautionary statements:

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER.

Special Provisions:

None

Contains

Reaction products of fatty acids, C12-14 (even numbered) alkyl and triglycerides

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

None

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

Chemical composition:

Hazardous components within the meaning of the CLP regulation and related classification:
25% - 35% Reaction products of fatty acids, C12-14 (even numbered) alkyl and triglycerides

REACH No.: 01-2120747689-34, EC: 942-589-5



3.3/1 Eye Dam. 1 H318

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

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.

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
 Storage at a temperature between 5°C and 35°C
 Keep away from food, drink and feed.
 Incompatible materials:
 None in particular.
 Instructions as regards storage premises:
 Adequately ventilated premises.
- 7.3. Specific end use(s)
 None in particular

SECTION 8: Exposure controls/personal protection

- 8.1. Control parameters
 No occupational exposure limit available
 DNEL Exposure Limit Values
 Not Available
 PNEC Exposure Limit Values
 Not Available
- 8.2. Exposure controls
 Eye protection:
 Use close fitting safety goggles, don't use eye lens.
 Protection for skin:
 Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
 Protection for hands:
 Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
 Respiratory protection:
 Not needed for normal use.
 Thermal Hazards:
 None
 Environmental exposure controls:
 None
 Appropriate engineering controls:
 None

SECTION 9: Physical and chemical properties

- 9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	viscous liquid	--	--
Odour:	characteristic	--	--
Odour threshold:	Not Available	--	--
pH:	(10% aqueous solution) 6,5 approx.	--	--
Melting point / freezing point:	Not Available	--	--
Initial boiling point and boiling range:	100°C approx.	--	--
Flash point:	> 100°C	--	--
Evaporation rate:	Not Available	--	--
Solid/gas flammability:	Not Available	--	--
Upper/lower flammability or explosive limits:	Not Available	--	--
Vapour pressure:	Not Available	--	--
Vapour density:	Not Available	--	--
Relative density:	1 gr/ml approx	--	--
Solubility in water:	soluble	--	--
Solubility in oil:	insoluble	--	--

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Partition coefficient (n-octanol/water):	Not Available	--	--
Auto-ignition temperature:	Not Available	--	--
Decomposition temperature:	Not Available	--	--
Viscosity:	Not Available	--	--
Explosive properties:	Not Available	--	--
Oxidizing properties:	Not Available	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	Not Available	--	--
Fat Solubility:	Not Available	--	--
Conductivity:	Not Available	--	--
Substance Groups relevant properties	Not Available	--	--

SECTION 10: Stability and reactivity

- 10.1. Reactivity
Stable under normal conditions
- 10.2. Chemical stability
Stable under normal conditions
- 10.3. Possibility of hazardous reactions
None
- 10.4. Conditions to avoid
Stable under normal conditions.
- 10.5. Incompatible materials
None in particular.
- 10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
Toxicological information of the product:
Not Available

Toxicological information of the main substances found in the product:
Not Available

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

- 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.
Reaction products of fatty acids, C12-14 (even numbered) alkyl and triglycerides
a) Aquatic acute toxicity:
Endpoint: EC50 - Species: Daphnia magna 3.17 mg/l - Duration h: 48
Endpoint: EC50 - Species: Desmodesmus subspicatus 6.29 mg/l - Duration h: 72
- 12.2. Persistence and degradability
Reaction products of fatty acids, C12-14 (even numbered) alkyl and triglycerides
Biodegradability: Readily degradable - Test: Dissolved organic carbon - Duration: 28d - %: 72 - Notes: OECD 301F
- 12.3. Bioaccumulative potential
Not Available
- 12.4. Mobility in soil
Not Available
- 12.5. Results of PBT and vPvB assessment

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- vPvB Substances: None - PBT Substances: None
 12.6. Other adverse effects
 None

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.

SECTION 14: Transport information

- 14.1. UN number
 Not classified as dangerous in the meaning of transport regulations.
 14.2. UN proper shipping name
 Not Available
 14.3. Transport hazard class(es)
 Not Available
 14.4. Packing group
 Not Available
 14.5. Environmental hazards
 Not Available
 14.6. Special precautions for user
 Not Available
 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
 Not Available

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
 Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP), Regulation (CE) n.790/2009, Regulation (CE) n.453/2010 (Annex I), Regulation n.286/2011 (ATP 2 CLP)
 Regulation (EU) 2015/830

Where applicable, refer to the following regulatory provisions :

- Regulation (EU) n. 618/2012 (ATP 3 CLP)
 Regulation (EU) n. 487/2013 (ATP 4 CLP)
 Regulation (EU) n. 944/2013 (ATP 5 CLP)
 Regulation (EU) n. 605/2014 (ATP 6 CLP)
 Regulation (EU) n. 2015/1221 (ATP 7 CLP)
 Directive 2012/18/EU (Seveso III)
 Regulation (EC) nr 648/2004 (detergents).
 Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):
 Seveso III category according to Annex 1, part 1
 Product belongs to category: Not Available

- 15.2. Chemical safety assessment
 No Chemical Safety Assessment has been carried out for the mixture.

SECTION 16: Other information

Text of phrases referred to under heading 3:
 H318 Causes serious eye damage.

Hazard class and hazard category	Code	Description
Eye Dam. 1	3.3/1	Serious eye damage, Category 1

Paragraphs modified from the previous revision:

- SECTION 2: Hazards identification
 SECTION 3: Composition/information on ingredients
 SECTION 4: First aid measures
 SECTION 8: Exposure controls/personal protection
 SECTION 9: Physical and chemical properties
 SECTION 11: Toxicological information
 SECTION 12: Ecological information

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SECTION 13: Disposal considerations
SECTION 14: Transport information
SECTION 15: Regulatory information
SECTION 16: Other information

This safety data sheet has been completely updated in compliance to Regulation 2015/830.
Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Eye Dam. 1, H318	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.

ACGIH:	ACGIH
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.
N.A.:	Not Available
N.APP:	Not applicable
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.